

MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

January 20, 2004

NOTICE TO:

All Prequalified Contractors

FROM:

R.A.Garris, P.E.

Contract Officer

Re:

Electronic Bid Bond, Non-Collusion Affidavit, and Debarment

Certification

As we move toward total electronic bid submittals, we are implementing the following changes effective with the March 16, 2004 formal highway letting.

- 1. The Department will require an electronic bid bond to be included with each electronic bid submission.
- 2. In order to comply with Federal and State laws and regulations, an original, properly executed Non-Collusion Affidavit, and Debarment Certification must be on file in the Contract Office from each prospective bidder prior to submitting an electronic bid. It will not be necessary that it be submitted with each bid and letting. The Non-Collusion Affidavit, and Debarment Certification filed with the Department will be valid for all bids submitted through the December 21, 2004 letting.

Properly executed forms shall be delivered to the Department no later than 5:00 p.m. the day prior to the advertised letting in which you intend to submit your first total electronic bid. Forms may be downloaded from the following web-site:

(http://www.doh.dot.state.nc.us/preconstruct/highway/dsn\_srvc/contracts/letting.htm).

The form shall be placed in a sealed envelope with the Contractor name clearly labeled, and delivered to:

Physical Address: State Contract Officer Design Services Unit Century Center Bldg. B 1020 Birch Ridge Drive

Raleigh, NC 27610

Mailing Address: State Contract Officer

NC Department of Transportation

Contracts and Proposals 1591 Mail Service Center Raleigh, NC 27699-1591

We will be formulating procedures for renewal in the near future and will involve the industry as they are developed.

If you have any questions, please do not hesitate to call me at (919) 250-4124.



MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT SECRETARY

December 23, 2003

NOTICE TO:

All Prequalified Contractors

FROM:

R.A.Garris, P.E.

Contract Officer

Re:

Electronic (Internet) Bid Bond Submission

Beginning with the March 16, 2004 letting Electronic Bid Bond submission will become a mandatory addition to electronic bid submissions via Bidx.com. Only those bids submitted as described in the Special Provision titled "On-Line Electronic Bidding" will be considered responsive.

It is important that both the prospective bidder and their bonding agent contact either Surety 2000 (<a href="www.surety2000.com">www.surety2000.com</a>) or Surepath (<a href="www.insurevision.com">www.insurevision.com</a>) bond management providers to acquire the necessary service prior to the March 16, 2004 letting. Bid Express and the Expedite software will interface with both bond management providers.

If you do not currently have an account with one of the above bond management providers, please visit one of the above websites to open an account.

You must either have an account with one of the above bond management providers for electronic bid and bid bond submittal or provide the Contract Office with a bid deposit as described in the Special Provision titled "On-Line Electronic Bidding" for the March 16, 2004 letting.

Additional notices will follow, as more information becomes available.

If you have any questions, I can be reached at (919) 250-4124.



MICHAEL F. EASLEY **G**OVERNOR

LYNDO TIPPETT SECRETARY

December 23, 2003

NOTICE TO:

FROM:

R. A. Garris, P.E. Contract Officer

SUBJECT:

Delays in Billing

Invoices for all plans and proposals since April 2003 will be mailed in the next few weeks. The Department transitioned to a new financial system in March 2003, and billing delays occurred as a result. Invoices for each Highway Letting in which you ordered plans or proposals will be mailed separately. You will also receive a list itemizing each project that you ordered. Also, the payment due date will be extended from 30 days to 90 days from the date the invoice is mailed. We apologize for any inconvenience that this has caused.

If you have any questions, please contact Kim Canady at (919) 250-4124 or e-mail her at klcanady@dot.state.nc.us.



MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT SECRETARY

October 21, 2003

**MEMORANDUM TO:** 

**Prime Contractors** 

FROM:

R. A. Garris, P. E.

Contract Officer

SUBJECT:

Plan & Proposal Distribution Upon Award

Effective with the November 18, 2003 Letting, prime contractors who are awarded projects will be limited to the number of sets of plans that can be distributed free of charge. The limits are as follows:

Roadway Plans: (8) 22"x34", (16) 11"x17", (8) subsurface & (8) cross-sections

Structure Plans: (10) 22"x34", (10) 11"x17", (10) subsurface

Proposals (20)

Additional requests will be invoiced at the project's advertised price. Requests should be made to Kim Canady or Larry Strickland at 919-250-4124.

## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION INVITATION TO BID

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00PM** ON **FEBRUARY 17, 2004**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

THE BIDDER SHALL FURNISH A NON-COLLUSION AFFIDAVIT FOR EACH BID. AFFIDAVIT FORMS WILL BE INCLUDED IN THE PROPOSAL AS PART OF THE SIGNATURE SHEETS.

A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL USE THE STANDARD BID BOND FORM OF THE DEPARTMENT OF TRANSPORTATION, UNLESS HE ELECTS TO FURNISH A BID DEPOSIT. COPIES OF THIS BOND FORM WILL BE ENCLOSED WITH EACH PROPOSAL FORM. ADDITIONAL BOND FORMS MAY BE OBTAINED FROM THE RALEIGH OFFICE. (PHONE - 919-250-4124).

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT \$25.00 EACH, PLANS (SMALL SIZE) AT \$40.00 PER SET, PLANS (LARGE SIZE) AT \$100.00 PER SET, AND CROSS-SECTIONS AT \$40.00 PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, DESIGN SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS JANUARY 20, 2004.

BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

#### REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

DIV NO. DIVISION ENGINEER  00001 D. R Conner	LOCATION 113 AIRPORT DR. SUITE 100	<u>TOWN</u> EDENTON	<u>TELEPHONE</u>
00001 D. R Conner 00002 C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 482-7977 (252) 830-3490
00002 C. B. Eastrer, VI.	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004 Anthony W. Roper , PE	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005 J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006 T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007 J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008 Tim Johnson, PE	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009 S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010 B. G. Payne	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011 Michael A. Pettyjohn, PE	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012 M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013 J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014 R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

#### SUMMARY OF PROPOSALS

Bid I	Letting Numb	per L040217			
RPN	Contract Id	WBS	County	Length	JobType
001	C201133	34452.3.5	PAMLICO	9.919 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
002	C200805	33099.3.2	JOHNSTON	0.303 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
003	C201134	34365.3.42	WAKE	2.861 KM	GRADING, DRAINAGE, PAVING & STRUCTURES.
004	C201127	37116 ETC.	COLUMBUS	8.870 MI	GRADING, DRAINAGE, MILLING, RESURFACING AND CURB & GUTTER.
005	C201126	37181 ETC.	GUILFORD	14.268 MI	MILLING, RESURFACING, SHLDR RECONST, GUARDRAIL & PVMT MRKGS.
006	C201128	7R.10681.1 ETC.	ORANGE	16.785 MI	MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.
007	C200792	33227.3.1	RANDOLPH	0.212 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C201129	36800 ETC.	MOORE	18.420 MI	DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & GUARDRAIL.
009	C201130	36964 ETC.	MONTGOMERY	14.530 MI	WIDENING, MILLING, DRAINAGE, SHLDR RECONST & RESURFACING.
010	C201131	36792	СНАТНАМ	5.250 MI	MILLING, SHLDR RECONST, DRAINAGE, RESURFACING & PVT MARKINGS
011	C201136	8CR.10531.1 ETC.	LEE	9.160 MI	MILLING, SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS
012	C200793	33671.3.1	DAVIDSON	0.341 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
013	C201125	36863	DAVIDSON	5.495 MI	GRADING, WIDENING, RESURFACING & PVMT MARKINGS.
014	C201135	36836 ETC.	FORSYTH	56.463 MI	MILLING, RESURFACING, SHLDR RECONST & PAVEMENT MARKINGS.
015	C201137	36857 ETC.	STOKES	32.786 MI	MILLING, RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.
016	C200777	34408.3.3	CABARRUS	1.989 KM	GRADING, DRAINAGE, PAVING, C&G & CULVERTS.
017	C201111	37612	MECKLENBURG	6.940 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
018	C201074	36315.3.1	SURRY	11.020 MI	CABLE GUIDERAIL.
019	C200668	32997.3.2	GASTON	0.491 KM	GRADING, DRAINAGE, PAVING & STRUCTURE.
020	C201139	35175.3.1 ETC.	GASTON	3.980 MI	GRADING, DRAINAGE, RESURFACING, GUARDRAIL & PVMT MARKINGS.
021	C201138	12CR.10231.2 ETC	CLEVELAND	34.470 MI	RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.
022	C200791	33221.3.2	MITCHELL	0.170 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

# **FAX ORDER FORM**

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER FAX NUMBER: (919) 250-4127
PHONE NUMBER: (919) 250-4124

INVOICE ADDRESS:			PHYS	PHYSICAL ADDRESS:	DRESS:					
P.O. BOX:			COMP	COMPANY NAME:	;					
CITY:			STREE	STREET ADDRESS:	S:					
ZIP:			CITY:_							
CONTACT PERSON:			ZIP:							
DATE ORDERED:			PHONE:							
E-MAIL ADDRESS:			FAX#							
*INDICATE BY YES OR NO FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A YES OR NO, WE WILL CONSIDER THIS AS A YES AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST.  NAME WILL APPEAR ON THE PLAN HOLDER'S LIST. YES MEANS THAT YOU WANT YOUR NAME TO APPEAR ON THE PLAN HOLDER'S LIST.	NO FOR ALL PRO N THE PLAN HOLI	JECTS YOU OI DER'S LIST. Y	RDER. IF YES MEANS	YOU DO NG THAT YOU	OT INDICAT U WANT YC	TE A YES OF OUR NAME T	NO, WE WE OF APPEAR CO	L CONSIDER THE NATION THE PLAN HO	HS AS A YES ANI DLDER'S LIST.	YOUR
FLAN HOLDERS LIST:YES OR NO	PROJECT NUMBER(S)	FROPUSAL	KDWY. SMALL	KDWY. LARGE	SMALL	LARGE	SECTIONS	SUBSURFACE	SUBSURFACE	
										_

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER

FAX NUMBER: (919) 250-4127 PHONE NIMBER: (919) 250-4124

FHONE NUMBER: (919) 230-4124	CITY:
	COMPANY NAME:

## \*PLAN HOLDERS LIST:

\*INDICATE BY YES OR NO FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A YES OR NO, WE WILL CONSIDER THIS AS A YES AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST.

STRUCTURE SUBSURFACE				
ROADWAY SUBSURFACE				
CROSS SECTIONS				
STRUCT STRUCT SMALL LARGE				
STRUCT SMALL				
RDWY. LARGE				
RDWY. SMALL				
PROPOSAL				
PROJECT NUMBER(S)				
PLAN HOLDERS LIST:YES OR NO				

Page: 1 of 30

L040217 001

LENGTH = 9.919 KM

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201133 34452.3.5 DIV OFFICE GREENVILLE

COUNTY : PAMLICO

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE: JUN 15 2007

#### NC-55 FROM EAST OF SR-1127 (BAYLEAF RD) TO EAST OF SR-1129 (BENNETT-TINGLE RD).

41 M Lump Sum L  0.8 H  4 E  32,000 M Lump Sum L  Lump Sum L  38,300 M 4,000 M  3,900 M  94,000 M  5,000 M  28 H 52,000 M  28 H 52,000 M  1,800 M  1,800 M  4,000 M	LS MO LS HA EA M3 LS LS M3 MTN M M3 EA M4 M2 HR M3 M2 M2	MOBILIZATION GENERIC MISCELLANEOUS ITEM FIELD OFFICE CLEARING & GRUBBING HEC- TARE(S) SUPPLEMENTARY CLEARING & GRUB- BING SEALING ABANDONED WELLS UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH FILL, STATION ************************************	695 28,483 3,038 1,852 300 414 207 500 51 4 8 8 14.8 6.7 9.86 45 135 9.76 15		ASPHALT CONC SURFACE COURSE, TYPE S9.5A ASPHALT CONC SURFACE COURSE, TYPE S9.5C ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 ASPHALT PLANT MIX PAVEMENT REPAIR SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE 150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD
41 M Lump Sum L  0.8 H  4 E  32,000 M Lump Sum L  Lump Sum L  38,300 M 4,000 M  3,900 M  94,000 M  5,000 M  28 H 52,000 M  28 H 52,000 M  1,800 M  1,800 M  4,000 M	MO LS HA EA M3 LS LS M3 MTN M M3 EA M3 M2 HR M3 M2	GENERIC MISCELLANEOUS ITEM FIELD OFFICE  CLEARING & GRUBBING HEC- TARE(S)  SUPPLEMENTARY CLEARING & GRUB- BING  SEALING ABANDONED WELLS  UNCLASSIFIED EXCAVATION  REINFORCED BRIDGE APPROACH FILL, STATION ************************************	3,038 1,852 300 414 207 500 51 4 8 14.8 6.7 9.86 45 135 9.76	MTN MTN M3 M3 M EA EA M M3 M3 M3 M3 M3 M4 EA M	TYPE S9.5C ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 ASPHALT PLANT MIX PAVEMENT REPAIR SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE 150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE 150MM OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FILOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
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32,000 M Lump Sum L  38,300 M 4,000 M  3,900 M 94,000 M  8 E 1,330 M 6,950 M  28 H 52,000 M 2,000 M 1,800 M 1,800 M 4,000 M	M3 LS LS M3 MTN M M3 EA M3 M2 HR M3 M2	SEALING ABANDONED WELLS UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH FILL, STATION ************************************	207 500 51 4 8 14.8 6.7 9.86 45 135 9.76	M3 M EA EA M M3 M3 M3 EA M	SUBDRAIN FINE AGGREGATE 150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
32,000 M Lump Sum L  38,300 M 4,000 M  3,900 M 94,000 M  8 E 1,330 M 6,950 M  28 H 52,000 M 2,000 M 1,800 M 1,800 M 4,000 M	M3 LS LS M3 MTN M M3 EA M3 M2 HR M3 M2	UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH FILL, STATION ************************************	500 51 4 8 14.8 6.7 9.86 45 135 9.76	M EA EA M M3 M3 M3 EA M	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FILOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
Lump Sum L  38,300 M 4,000 M  3,900 M  94,000 M  8 E 1,330 M 6,950 M  28 H 52,000 M 2,000 M  1,800 M  1,800 M  444 M  474 M	LS  M3 MTN  M M3 EA M3 M2  HR M3 M2	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	51 4 8 14.8 6.7 9.86 45 135 9.76	EA  M M3 M3 M3 M3 M3 M4 M3 M4	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
38,300 M 4,000 M 3,900 M 94,000 M 8 E 1,330 M 6,950 M 28 H 52,000 M 2,000 M 1,800 M 64,900 M 1,800 M 474 M	M3 MTN M M3 EA M3 M2 HR M3 M2	(149+52.500) REINFORCED BRIDGE APPROACH FILL, STATION ************************************	4 8 14.8 6.7 9.86 45 135 9.76	EA M M3 M3 M3 M3 EA M	TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
38,300 M 4,000 M 3,900 M 94,000 M 8 E 1,330 M 6,950 M 28 H 52,000 M 2,000 M 1,800 M 64,900 M 474 M	M3 MTN M M3 EA M3 M2 M2 HR M3 M2	FILL, STATION ************************************	8 14.8 6.7 9.86 45 135 9.76	M M3 M3 M3 M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
4,000 M 3,900 N 94,000 N 8 E 1,330 N 6,950 M 28 H 52,000 N 2,000 M 1,800 M 13.2 N 474 N	MTN  M M3 EA M3 M2  M2 HR M3 M2	UNDERCUT EXCAVATION CLASS IV SUBGRADE STABILIZA- TION WICK DRAINS BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	14.8 6.7 9.86 45 135 9.76	M3 M3 M3 M3 EA	ENDWALLS REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
4,000 M 3,900 N 94,000 N 8 E 1,330 N 6,950 M 28 H 52,000 N 2,000 M 1,800 M 13.2 N 474 N	MTN  M M3 EA M3 M2  M2 HR M3 M2	CLASS IV SUBGRADE STABILIZA- TION WICK DRAINS BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	6.7 9.86 45 135 9.76	M3 M3 M3 EA	REINFORCED ENDWALLS PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
3,900 M 94,000 M 8 E 1,330 M 6,950 M 28 H 52,000 M 2,000 M 1,800 M 64,900 M	M M3 EA M3 M2 M2 HR M3 M2	TION WICK DRAINS BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	9.86 45 135 9.76 15	M3 M3 EA M	PIPE COLLARS FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
94,000 M 8 E 1,330 M 6,950 M 500 M 28 H 52,000 M 64,900 M 2,000 M 1,800 M' 640 M' 13.2 M	M3 EA M3 M2 M2 HR M3 M2	WICK DRAINS BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	9.76 15	EA M	FLOWABLE FILL MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
94,000 M 8 E 1,330 M 6,950 M 500 M 28 H 52,000 M 64,900 M 2,000 M 1,800 M' 640 M' 13.2 M	M3 EA M3 M2 M2 HR M3 M2	BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	9.76 15	M	MASONRY DRAINAGE STRUCTURES
8 E 1,330 N 6,950 N 500 M 28 H 52,000 N 2,000 N 1,800 M 1,800 M 13.2 N 474 N	EA M3 M2 M2 HR M3 M2	EMBANKMENT SETTLEMENT GAUGES DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	15		
1,330 M 6,950 M 28 H 52,000 M 2,000 M 1,800 M 13.2 M	M2 M2 HR M3 M2	REMOVAL OF EXISTING ASPHALT PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT		EA	FRAME WITH TWO GRATES, STD
500 M 28 H 52,000 M 64,900 M 2,000 M 1,800 M 13.2 M 474 M	M2 HR M3 M2	PAVEMENT REMOVAL OF EXISTING CONCRETE PAVEMENT	2		
28 H 52,000 M 64,900 M 2,000 M 1,800 M 640 M 13.2 M	HR M3 M2	REMOVAL OF EXISTING CONCRETE PAVEMENT	2		840.16
52,000 M 64,900 M 2,000 M 1,800 M 640 M 13.2 M	M3 M2			EA	FRAME WITH TWO GRATES, STD 840.24
64,900 M 2,000 M 1,800 M 640 M 13.2 M	M2	PROOF ROLLING	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
2,000 M 1,800 M 640 M 13.2 M		SELECT GRANULAR MATERIAL	52	EA	(E) FRAME WITH GRATE & HOOD, STD
1,800 M <sup>2</sup> 640 M <sup>2</sup> 13.2 M 474 M	M2	FABRIC FOR SOIL STABILIZATION	32	EA	840.03, TYPE **
640 M <sup>2</sup> 13.2 M 474 M		TEMPORARY SHORING - BARRIER			(F)
13.2 M	MTN	SUPPORTED GENERIC GRADING ITEM	43	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
13.2 M	erra i	SELECT MATERIAL, CLASS III			(G)
474 N	MIN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	2	EA	FRAME WITH COVER, STD 840.54
	M	****MM SIDE DRAIN PIPE	6	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL GRATE &
	М	(900MM) 375MM SIDE DRAIN PIPE	100	1.62	FRAME
	M	450MM SIDE DRAIN PIPE	100 9,948	M3	CONCRETE RETAINING WALLS
	M	375MM RC PIPE CULVERTS, CLASS	9,948	M M	750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER
		III	14	EA	MODIFIED CONCRETE FLUME
1,287.6 N	M	450MM RC PIPE CULVERTS, CLASS III	150	M	CONCRETE EXPRESSWAY GUTTER
1,551.6 M	M	600MM RC PIPE CULVERTS, CLASS	2,260 65	M2 M2	150MM CONCRETE DRIVEWAY 125MM MONOLITHIC CONCRETE IS-
1,165.2 N	M	750MM RC PIPE CULVERTS, CLASS	100	M2	LANDS (KEYED IN) GENERIC PAVING ITEM
84 N	M	III 900MM RC PIPE CULVERTS, CLASS			ARCHITECTURAL CONCRETE SURFACE TREATMENT
16.8 N	M	III 1050MM RC PIPE CULVERTS, CLASS	143	M	GENERIC PAVING ITEM STEEL PIPE HANDRAIL FOR
24 N	M	III 1200MM RC PIPE CULVERTS, CLASS	91	EA	CONCRETE RETAINING WALL ADJUSTMENT OF METER BOXES OR
28.8 N	M	III 1650MM RC PIPE CULVERTS, CLASS	1	E A	VALVE BOXES
40.8 N	M	III ****MM BIT COAT CS PIPE CUL-	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
		VERTS, TYPE A ****MM THICK	750.57	M	STEEL BM GUARDRAIL
2 E	EA	(400MM, 1.63MM) ***MM BIT COAT CS PIPE ELBOWS,	45.72	M	STEEL BM GUARDRAIL, SHOP CURVED
		TYPE A ****MM THICK (400MM, 1.63MM)	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
1,686.6 N	M	PIPE REMOVAL	10	EA	ADDITIONAL GUARDRAIL POSTS
		PIPE CLEAN-OUT	13	EA	GUARDRAIL ANCHOR UNITS, TYPE
		FINE GRADING		2	CAT-1
3,000 K	KG	SEALING EXISTING PAVEMENT CRACKS	8	EA	GUARDRAIL ANCHOR UNITS, TYPE
3.050 M	итN	AGGREGATE BASE COURSE			III
		INCIDENTAL STONE BASE	13	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
,		MILLING ASPHALT PAVEMENT, **MM	170	MTN	PLAIN RIP RAP, CLASS I
ŕ		DEPTH	220		
		(50MM)	1,630	M2	FILTER FABRIC FOR DRAINAGE
550 M	MIN	ASPHALT CONC BASE COURSE, TYPE B25.0B	16	EA	PREFORMED SCOUR HOLES WITH
35,530 MT	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	25	MTN	LEVEL SPREADER APRON GENERIC EROSION CONTROL ITEM
30,660 M	ИTN	ASPHALT CONC INTERMEDIATE	56	М	BOULDERS SUPPORTS, 4.5KG STEEL
		COURSE, TYPE 119.0C	36	М	U-CHANNEL

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			13	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
			1	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP
431	M	SUPPORTS, WOOD			(1.38 MPA WP)
7	EA	SIGN ERECTION, TYPE D	17	EA	250MM GATE VALVE & VALVE BOX,
63	EA	SIGN ERECTION, TYPE E			****MPA WP
6	EA	SIGN ERECTION, TYPE F	129	EA	(1.38 MPA WP)
9	EA	RELOCATE SIGN, TYPE *****	138	EA	*** X ***MM TAPPING SADDLE (250MM X 20MM)
í	EA	(D) RELOCATE SIGN, TYPE *****	2	EA	*** X ***MM TAPPING SADDLE
1	LA	(F)	_		(250MM X 50MM)
8	EA	DISPOSAL OF SUPPORT, WOOD	94	EA	RELOCATE EXISTING WATER METER
96	EA	DISPOSAL OF SIGN SYSTEM, WOOD	8	EA	RELOCATE EXISTING FIRE HYDRANT
117	M2	WORK ZONE SIGNS (STATIONARY)	868.8	M	GENERIC UTILITY ITEM
18	M2	WORK ZONE SIGNS (PORTABLE)			250MM HDPE WATER PIPE, SDR 9, 1.38 MPA WP, BY DIRECTIONAL
33	M2	WORK ZONE SIGNS (BARRICADE			BORE
		MOUNTED)	10,700	M	TEMPORARY SILT FENCE
2	EA	FLASHING ARROW PANELS, TYPE C	900	MTN	STONE FOR EROSION CONTROL,
2 12	EA EA	CHANGEABLE MESSAGE SIGNS WARNING FLAG SETS			CLASS A
2,165	EA	DRUMS	13,000	MTN	STONE FOR EROSION CONTROL,
150	EA	CONES	5,700	MTN	CLASS B SEDIMENT CONTROL STONE
268	M	BARRICADES (TYPE III)	35,700	HA	TEMPORARY MULCHING
12,480	HR	FLAGGER	1,575	KG	SEED FOR TEMPORARY SEEDING
4	EA	TEMPORARY CRASH CUSHIONS	1,575	MTN	FERTILIZER FOR TEMPORARY SEED-
4	EA	RESET TEMPORARY CRASH CUSHIONS			ING
1,172	M	PORTABLE CONCRETE BARRIER	50	M	TEMPORARY SLOPE DRAINS
325	M	PORTABLE CONCRETE BARRIER	6	EA	INLET PROTECTION AT TEMPORARY
		(ANCHORED)			SLOPE DRAINS
285	М	RESET PORTABLE CONCRETE BAR- RIER	46,000	M3	SILT EXCAVATION
404	М	REMOVABLE TAPE PAVEMENT MARK-	9,920	M2	SYNTHETIC ROVING
404	IVI	ING LINES (100MM)	10,725	M2 M2	MATTING FOR EROSION CONTROL PERMANENT SOIL REINFORCEMENT
824	EA	TEMPORARY RAISED PAVEMENT	613	IVIZ	MAT
		MARKERS	950	М	6.4MM HARDWARE CLOTH
16,077	M	THERMOPLASTIC PAVEMENT MARKING	35	M	***MM TEMPORARY PIPE
21.622		LINES (100MM, 2.3MM)			(450MM)
31,633	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	370	M2	FLOATING TURBIDITY CURTAIN
716	M	THERMOPLASTIC PAVEMENT MARKING	70	M3	STILLING BASINS
710		LINES (200MM, 2.3MM)	40	HA	SEEDING & MULCHING
129	M	THERMOPLASTIC PAVEMENT MARKING	20	HA	MOWING
		LINES (600MM, 3.1MM)	425	KG	SEED FOR REPAIR SEEDING
1	EA	THERMOPLASTIC PAVEMENT MARKING	2	MTN	FERTILIZER FOR REPAIR SEEDING
204	EA	CHARACTER (3.1MM) THERMOPLASTIC PAVEMENT MARKING	1,050	KG MTN	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
204	EA	SYMBOL (2.3MM)	0.1	HA	SPECIALIZED SEEDING UNDER
277	M	COLD APPLIED PLASTIC PAVEMENT	0.1	ILA	GUIDERAIL & GUARDRAIL (CENTI-
		MARKING LINES (100MM)			PEDE)
4	EA	COLD APPLIED PLASTIC PAVEMENT	50	M	IMPERVIOUS DIKE
		MARKING SYMBOL	4	HR	SPECIALIZED HAND MOWING
43,568	M	PAINT PAVEMENT MARKING LINES (100MM)	32	EA	RESPONSE FOR EROSION CONTROL
60	M	PAINT PAVEMENT MARKING LINES	10	HA	REFORESTATION
00	141	(200MM)	0.15	HA	STREAMBANK REFORESTATION
45	M	PAINT PAVEMENT MARKING LINES	0.5	HA	WETLAND REFORESTATION
		(600MM)	6	EA	GENERIC EROSION CONTROL ITEM ROOTWADS
2,982	EA	PERMANENT RAISED PAVEMENT	0.1	HA	GENERIC EROSION CONTROL ITEM
1 225	MTN	MARKERS FOUNDATION CONDITIONING MATE-	3.1		WETLAND GRASS PLANTING
1,235	MIIN	RIAL, UTILITIES CLASS *******	75	M2	GENERIC EROSION CONTROL ITEM
		(VI)			COIR FIBER MAT
1,235	MTN	BEDDING MATERIAL, UTILITIES			
		CLASS ***********			
48.6	М	(IV) 150MM DI WATER PIPE, PC			CULVERT ITEMS
46.0	IVI	2.41MPA			
44	M	***MM PVC WATER PIPE, SDR ****			
		(75MM, SDR21, 1.38 MPA WP)	Lump Sum	LS	CULVERT EXCAVATION, STA *****
176	M	50MM PVC WATER PIPE, SDR 21,			(112+81.300-L-)
100		1.38MPA WP	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (136+71.800-L-)
189	M	100MM PVC WATER PIPE, SDR 21, 1.38MPA WP	70	MTN	FOUNDATION CONDITIONING MATER-
268	M	150MM PVC WATER PIPE, SDR 21,	70	MITT	IAL, BOX CULVERT
200	141	1.38MPA WP	79.4	M3	CLASS A CONCRETE (CULVERT)
38	M	200MM PVC WATER PIPE, SDR 21,	5,742	KG	REINFORCING STEEL (CULVERT)
		1.38MPA WP			
9,170.1	M	250MM PVC WATER PIPE, SDR 21,			
1 696 6	KG	1.38MPA WP DUCTILE IRON WATER PIPE FIT-			STRUCTURE ITEMS
1,686.6	NO	TINGS, 1.72MPA MIN WP			STRUCTURE ITEMS
2,861	M	20MM PE WATER TUBING, SDR 9,			
		****MPA WP	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
		(1.38 MPA WP)	Dump Sum	20	REMOVAL OF TEMP ACCESS AT STA
138	EA	20MM CORPORATION STOP			******
2	EA	50MM CORPORATION STOP		1.0	(76+04.000-L-)
4	EA	***MM GATE VALVE & VALVE BOX,  ****MPA WP	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
		(100MM, 1.38 MPA WP)			(149+52.500-L-)
2	EA	***MM GATE VALVE & VALVE BOX,	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		****MPA WP	•		AT STATION *********
	г.	(50MM,1.38 MPA WP)	10.500	142	(76+04.000-L-)
1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP	18,500	M3	UNCLASSIFIED STRUCTURE EXCAVA- TION
		(75MM, 1.38 MPA WP)	2,118.6	M2	REINFORCED CONCRETE DECK SLAB
			_,	-	

1,944	M2	GROOVING BRIDGE FLOORS
495.4	M3	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************
		(149+52.500-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************
		(76+04.000-L-)
55,449	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
987	M	1143MM PRESTRESSED CONCRETE GIRDERS
4,496	M	406MM PRESTRESSED CONC PILES
998.5	M	HP310X79 STEEL PILES
264	EA	STEEL PILE TIPS
195.258	M	TWO BAR METAL RAIL
446	M	CONCRETE BARRIER RAIL
199.868	M	*** X ****MM CONCRETE PARAPET
		(355MM X 760MM)
1,395	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
1,425	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
5,336.496	M	914MM X 533MM PRESTRESSED CONC CORED SLABS
2	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST

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#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040217 002

**CONTRACT ID: C200805** 

33099.3.2

DIV OFFICE WILSON

LENGTH = 0.303 MI

**COUNTY** : **JOHNSTON** 

GRADING, DRAINAGE, PAVING & STRUCTURES.

50 LF TEMPORARY SLOPE DRAINS
2 EA INLET PROTECTION AT TEMPORARY

650 CY SILT EXCAVATION

#### DBE GOAL 7.0% COMPLETION DATE: DEC 01 2004

#### BRIDGES OVER LITTLE RIVER AND LITTLE RIVER OVERFLOW & APPROACHES ON SR-2320.

		ROADWAY ITEMS	625	SY	SYNTHETIC ROVING
		ROADWITTEMS	1,250	SY	MATTING FOR EROSION CONTROL
			100	LF	1/4" HARDWARE CLOTH
Lump Sum	LS	MOBILIZATION	12	EA	SPECIAL STILLING BASINS
Lump Sum	LS	CONSTRUCTION SURVEYING	3 2	ACR ACR	SEEDING & MULCHING MOWING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	50	LB	SEED FOR REPAIR SEEDING
		FILL, STATION ************************************	0.25	TON	FERTILIZER FOR REPAIR SEEDING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	75	LB	SEED FOR SUPPLEMENTAL SEEDING
		FILL, STATION *********	2.25	TON	FERTILIZER TOPDRESSING
		(23+96.00)	3	HR	SPECIALIZED HAND MOWING
Lump Sum	LS	GRADING SUPPLEMENTARY CLEARING & GRUB-	8	EA	RESPONSE FOR EROSION CONTROL
1	ACR	BING			
20	TON	FOUNDATION CONDITIONING MATE-			
		RIAL, MINOR STRS			STRUCTURE ITEMS
128	LF	15" RC PIPE CULVERTS, CLASS			
56	LF	III 15" BIT COAT CS PIPE CULVERTS,			
56	LF	TYPE B 0.064" THICK	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
4	EA	15" BIT COAT CS PIPE ELBOWS,			REMOVAL OF TEMP ACCESS AT STA
		TYPE B 0.064" THICK			(23+96.00 -L-)
20	LF	PIPE REMOVAL	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
50	TON	INCIDENTAL STONE BASE			AT STATION ************************************
220	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
640	TON	ASPHALT CONC SURFACE COURSE,	Eurip Juni	LU	AT STATION *********
		TYPE SF9.5A			(23+96.00 -L-)
52	TON	ASPHALT BINDER FOR PLANT MIX,	62	LF	**'-**" DIA DRILLED PIERS IN
22		GRADE PG 64-22 RIGHT OF WAY MARKERS			SOIL (3'-6")
23 5	EA EA	MASONRY DRAINAGE STRUCTURES	78	LF	**'-**" DIA DRILLED PIERS NOT
5	EA	FRAME WITH TWO GRATES, STD			IN SOIL
,	LA	840.29			(3'-6")
80	LF	SHOULDER BERM GUTTER	63.09	LF	PERMANENT STEEL CASING FOR  **'-**" DIA DRILLED PIER
850	LF	STEEL BM GUARDRAIL			(3'-6")
100	LF	STEEL BM GUARDRAIL, SHOP	2	EA	CROSSHOLE SONIC LOGGING
10	EA	CURVED ADDITIONAL GUARDRAIL POSTS	620	LF	CSL TUBES
10 2	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
-	Lit	AT-1			TION AT STATION ******* (13+43.50 -L-)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
		III	•		TION AT STATION ******
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	124.4	CV	(23+96.00 -L-)
170	TON	PLAIN RIP RAP, CLASS B	134.4 Lump Sum	CY LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION
1,205	SY	FILTER FABRIC FOR DRAINAGE	Eurip Juni	Lo	******
2	EA	PREFORMED SCOUR HOLES WITH			(13+43.50 -L-)
		LEVEL SPREADER APRON	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
8.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN			(23+96.00 -L-)
		(E)	29,924	LB	REINFORCING STEEL (BRIDGE)
16	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	3,684	LB	SPIRAL COLUMN REINFORCING
2	EA	SIGN ERECTION, TYPE E			STEEL (BRIDGE)
13	EA	DISPOSAL OF SIGN SYSTEM, U-	555	LF	HP12X53 STEEL PILES
243	SF	CHANNEL WORK ZONE SIGNS (STATIONARY)	548.5 559	LF TON	CONCRETE BARRIER RAIL PLAIN RIP RAP CLASS II (2'-0"
94	SF	WORK ZONE SIGNS (BARRICADE	339	TON	THICK)
		MOUNTED)	621	SY	FILTER FABRIC FOR DRAINAGE
96	LF	BARRICADES (TYPE III)	Lump Sum	LS	ELASTOMERIC BEARINGS
3,200	LF	THERMOPLASTIC PAVEMENT MARKING	3,456.92	LF	3'-0" X 1'-9" PRESTRESSED CONC
2 200	ır	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING			CORED SLABS
3,200	LF	LINES (4", 120 MILS)			
20	EA	PERMANENT RAISED PAVEMENT			
		MARKERS			
500	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
300	TON	STONE FOR EROSION CONTROL,			
500	1014	CLASS B			
400	TON	SEDIMENT CONTROL STONE			
3	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING			
50	IF	TEMPORARY SLOPE DRAINS			

Page: 5 of 30 L040217 003

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C201134 34365.3.42

**DIV OFFICE DURHAM** 

LENGTH = 2.861 KM

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURES.

#### DBE GOAL 10.0% COMPLETION DATE: JUL 01 2007

#### I-540 (NORTHERN WAKE EXPRESSWAY) FROM NC-55 WEST OF MORRISVILLE TO RTP EAST LIMITS.

		ROADWAY ITEMS	94.8	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
			66	M	600MM BIT COAT CS PIPE CUL-
			-		VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	MOBILIZATION  GOVERNMENT OF THE PROPERTY OF TH	26	EA	400MM BIT COAT CS PIPE ELBOWS,
Lump Sum	LS	CONSTRUCTION SURVEYING CLEARING & GRUBBING HEC-	10	F.4	TYPE B 1.63MM THICK
Lump Sum	LS	TARE(S)	10	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
2	HA	SUPPLEMENTARY CLEARING & GRUB-	9.6	M	***MM WELDED STEEL PIPE, ***MM
		BING			THICK, GRADE ****
2	EA	SEALING ABANDONED WELLS	22.0		(600MM, 6MM, B)
290,500	M3	UNCLASSIFIED EXCAVATION	22.8	М	****MM WELDED STEEL PIPE,  ****MM THICK, GRADE B, INSTAL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********			LED BY BORING & JACKING
		(19+51.883 LT)			(600MM, 6MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1	EA	GENERIC PIPE ITEM 1200MM X 600MM RC PIPE TAPERED
		FILL, STATION ************************************			INLET
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1	EA	GENERIC PIPE ITEM
•		FILL, STATION *********			1500MM X 900MM RC PIPE TAPERED INLET
	1.0	(25+51.408 LT)	231.2	М	PIPE REMOVAL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	Lump Sum	LS	FINE GRADING
		(25+51.408 RT)	120	KG	SEALING EXISTING PAVEMENT
Lump Sum	LS	REINFORCED BRIDGE APPROACH			CRACKS
		FILL, STATION ************************************	66,850	M2	LIME TREATED SOIL (SLURRY METHOD)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	740	MTN	LIME FOR LIME TREATED SOIL
Zunp Zum		FILL, STATION *********	2,000	MTN	STABILIZER AGGREGATE
		(28+55.867 RT)	31,800	MTN	AGGREGATE BASE COURSE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	66,850	M2	***MM SOIL CEMENT BASE
		(36+01.949 LT)			(180MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	2,010	MTN	PORTLAND CEMENT FOR SOIL CE- MENT BASE
		FILL, STATION ************************************	925	MTN	AGGREGATE FOR SOIL CEMENT BASE
4,350	М3	UNDERCUT EXCAVATION	90,950	L	ASPHALT CURING SEAL
1,000	MTN	CLASS IV SUBGRADE STABILIZA-	75	MTN	INCIDENTAL STONE BASE
ŕ		TION	15,100	MTN	ASPHALT CONC BASE COURSE, TYPE
1,242,500	M3	BORROW EXCAVATION	1.450	) (T) I	B25.0B
2	EA	EMBANKMENT SETTLEMENT GAUGES	1,450	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
11,850	M3	DRAINAGE DITCH EXCAVATION BERM DITCH CONSTRUCTION	3,850	MTN	ASPHALT CONC INTERMEDIATE
365 8,950	M M2	REMOVAL OF EXISTING ASPHALT			COURSE, TYPE I19.0B
0,550	1112	PAVEMENT	12,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
36	HR	PROOF ROLLING	8,750	MTN	ASPHALT CONC SURFACE COURSE,
3,000	M3	SELECT GRANULAR MATERIAL	2,727		TYPE S9.5B
3,000	M2	FABRIC FOR SOIL STABILIZATION	11,900	MTN	ASPHALT CONC SURFACE COURSE,
425 3,115	MTN MTN	SELECT MATERIAL, CLASS II SELECT MATERIAL, CLASS III	2,045	MTN	TYPE S12.5C ASPHALT BINDER FOR PLANT MIX,
1,262	MTN	FOUNDATION CONDITIONING MATE-	2,043	MIIN	GRADE PG 64-22
.,		RIAL, MINOR STRS	655	MTN	ASPHALT BINDER FOR PLANT MIX,
33.6	M	375MM SIDE DRAIN PIPE			GRADE PG 70-22
1,458	M	375MM RC PIPE CULVERTS, CLASS III	145	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
1,174.8	M	450MM RC PIPE CULVERTS, CLASS	62,300	M2	***MM PORT CEM CONC PAVEMENT,
1,174.0	.**	III	,		THROUGH LANES (WITH DOWELS)
168	M	600MM RC PIPE CULVERTS, CLASS			(340MM)
		III	3,450	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS)
121.2	M	750MM RC PIPE CULVERTS, CLASS III			(340MM)
87.6	М	900MM RC PIPE CULVERTS, CLASS	13,000	M2	***MM PORT CEM CONC PAVEMENT,
		III			MISCELLANEOUS (WITHOUT DOWELS) (340MM)
32.4	M	1350MM RC PIPE CULVERTS, CLASS	Lump Sum	LS	SURFACE TESTING CONCRETE PAVE-
97.2	M	III ****MM RC PIPE CULVERTS, CLASS	F		MENT
91.2	141	IV	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT
		(1050MM)	107	E.4	CEM CONC PAVEMENT
118.8	M	****MM RC PIPE CULVERTS, CLASS	127 216	EA M3	RIGHT OF WAY MARKERS SUBDRAIN EXCAVATION
		IV (1650MM)	108	M3	SUBDRAIN FINE AGGREGATE
157.2	M	****MM RC PIPE CULVERTS, CLASS	260	M	150MM PERFORATED SUBDRAIN PIPE
		IV	27	EA	150MM SUBDRAIN PIPE WYES,
95.2	14	(750MM)			TEES, & ELBOWS
85.2	M	****MM RC PIPE CULVERTS, CLASS IV	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
		(900MM)	4	М	150MM OUTLET PIPE (SUBDRAINS)
14.4	M	600MM CS PIPE CULVERTS, 1.63MM	4,725	M	SHOULDER DRAIN
264	М	THICK 400MM BIT COAT CS PIPE CUL-	4,725	M	100MM SHOULDER DRAIN PIPE
204	141	VERTS, TYPE B 1.63MM THICK	140	M	100MM OUTLET PIPE (SHOULDER
					DRAINS)

			2	EA	RELOCATE SIGN, TYPE ****
			8	EA	(E) DISPOSAL OF SIGN SYSTEM, U-
10	EA	CONCRETE PAD FOR SHOULDER	2	EA	CHANNEL DISPOSAL OF SUPPORT, U-CHANNEL
20 8.6	MTN M3	DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT
8.6 4.51	M3 M3	REINFORCED ENDWALLS PIPE COLLARS	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTE-
. 99	EA	MASONRY DRAINAGE STRUCTURES			NANCE TRAINING
2.9 26	M EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM
20	EA	840.****	Luman Suma	LS	"DMS-1" GENERIC SIGNING ITEM
2	EA	(840.20) FRAME WITH TWO GRATES, STD	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM
29	EA	840.16 FRAME WITH TWO GRATES, STD	Lump Sum	LS	DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM
13	EA	840.22 FRAME WITH TWO GRATES, STD			DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION
5	EA	R40.24 FRAME WITH TWO GRATES, STD	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTS
2	г.	840.29	Lump Sum	LS	GENERIC SIGNING ITEM
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS
6	EA	(F) FRAME WITH GRATE & HOOD, STD	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN
		840.03, TYPE ** (G)	Lump Sum	LS	ASSEMBLY "DMS-1" GENERIC SIGNING ITEM
4	EA	FRAME WITH COVER, STD 840.54	Lump Sum	Lo	OVERHEAD SIGN ASSEMBLY A
7 2	EA EA	CONCRETE APRON FOR CATCH BASIN CONCRETE APRON FOR DROP INLETS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY B
520	M2	GENERIC DRAINAGE ITEM IMPERMEABLE FABRIC FOR DRAIN-	Lump Sum	LS	GENERIC SIGNING ITEM
		AGE DITCH LINER	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY C GENERIC SIGNING ITEM
3,780 790	M M	450MM CONCRETE CURB & GUTTER 750MM CONCRETE CURB & GUTTER	•		STATIC LIGHTING FOR O/H SIGN ASSEMBLY A
790	EA	MODIFIED CONCRETE FLUME	Lump Sum	LS	GENERIC SIGNING ITEM
2,170	M	CONCRETE EXPRESSWAY GUTTER			STATIC LIGHTING FOR O/H SIGN ASSEMBLY C
17 915	M2 M2	100MM CONCRETE PAVED DITCH 75MM CONCRETE ISLAND COVERS	28	M2	WORK ZONE SIGNS (STATIONARY)
1,135	M2	125MM MONOLITHIC CONCRETE IS-	24	M2	WORK ZONE SIGNS (PORTABLE)
2	EA	LANDS (KEYED IN) IMPACT ATTENUATOR UNIT, TYPE	12	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
	LA	350	1	EA	FLASHING ARROW PANELS, TYPE C
3,768.09 30.48	M M	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP	1 112	EA EA	CHANGEABLE MESSAGE SIGNS DRUMS
30.48	IVI	CURVED CURVED	20	EA	CONES
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	90 60	M MD	BARRICADES (TYPE III) FLAGGER
10	EA	ADDITIONAL GUARDRAIL POSTS	2	EA	TEMPORARY CRASH CUSHIONS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ************************************	2	EA	RESET TEMPORARY CRASH CUSHIONS
		(BP-77)	1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
9	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	150 162	M EA	PORTABLE CONCRETE BARRIER
23	EA	GUARDRAIL ANCHOR UNITS, TYPE	8,850	M	TUBULAR MARKERS (FIXED) GENERIC TRAFFIC CONTROL ITEM
19	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			POLYUREA PAVEMENT MARKING LINES (100MM)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	954	М	GENERIC TRAFFIC CONTROL ITEM POLYUREA PAVEMENT MARKING LINES (200MM)
1,460	M	DOUBLE FACED CABLE GUIDERAIL	36	EA	GENERIC TRAFFIC CONTROL ITEM
5,100	EA M	CABLE GUIDERAIL ANCHOR UNITS WOVEN WIRE FENCE, 1200MM FAB-			POLYUREA PAVEMENT MARKING CHARACTERS
1,010	EA	RIC 100MM TIMBER FENCE POSTS,	13	EA	GENERIC TRAFFIC CONTROL ITEM POLYUREA PAVEMENT MARKING SYM-
		2.30M LONG 125MM TIMBER FENCE POSTS,	624	EA	BOLS TEMPORARY RAISED PAVEMENT
375	EA	2.50M LONG		LA	MARKERS
100 300	M MTN	ADDITIONAL BARBED WIRE PLAIN RIP RAP, CLASS I	9,371	М	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
40		PLAIN RIP RAP, CLASS A	4,374	M	THERMOPLASTIC PAVEMENT MARKING
3,010		PLAIN RIP RAP, CLASS B	45	М	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
11,030 22	M2 MTN	FILTER FABRIC FOR DRAINAGE GENERIC EROSION CONTROL ITEM	42		LINES (200MM, 2.3MM)
	1.62	BOULDERS  PERFEDENCE CONCRETE SIGN FOOT	42	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
1	M3 M3	REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS	34	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
1 256	KG	SUPPORTS, BREAKAWAY STEEL BEAM	44,616	M	PAINT PAVEMENT MARKING LINES (100MM)
403	KG	SUPPORTS, SIMPLE STEEL BEAM	70	M	PAINT PAVEMENT MARKING LINES
383	М	SUPPORTS, 4.5KG STEEL U-CHANNEL	134	M	(200MM) PAINT PAVEMENT MARKING LINES
11 4	EA EA	SUPPORTS, 3KG STEEL U-CHANNEL SIGN ERECTION, TYPE D	30	EA	(600MM) PAINT PAVEMENT MARKING SYMBOL
42	EA	SIGN ERECTION, TYPE E	1,980	M	REMOVAL OF PAVEMENT MARKING
11	EA EA	SIGN ERECTION, TYPE F SIGN ERECTION, TYPE ***	344	EA	LINES (100MM) PERMANENT RAISED PAVEMENT
4	EA	(GROUND MOUNTED)			MARKERS
11	EA	(A) SIGN ERECTION, MILEMARKERS	450	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
• • •					

993 MTN FOUNDATION CONDITIONING MATER-

			993	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
			2,106.4	M3	CLASS A CONCRETE (CULVERT)
2	EA	OBJECT MARKERS (END OF ROAD)	152,291	KG	REINFORCING STEEL (CULVERT)
4,520	M	TEMPORARY SILT FENCE			
460	MTN	STONE FOR EROSION CONTROL,			
		CLASS A			STRUCTURE ITEMS
12,270	MTN	STONE FOR EROSION CONTROL, CLASS B			
4,780	MTN	SEDIMENT CONTROL STONE			FOLD ID ATTION TWO AND THOSE FOR DENIT
49	HA	TEMPORARY MULCHING	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
3,525	KG	SEED FOR TEMPORARY SEEDING			(1, 19+51.883 -L- LT LN)
28.25	MTN	FERTILIZER FOR TEMPORARY SEED-	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
380	М	ING TEMPORARY SLOPE DRAINS			** AT STATION ************************************
28	EA	INLET PROTECTION AT TEMPORARY	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
		SLOPE DRAINS	·		** AT STATION *********
42,270	M3	SILT EXCAVATION	Lump Sum	LS	( 1, 28+55.867 -L- RT LN ) FOUNDATION EXCAVATION FOR BENT
2,865	M2	SYNTHETIC ROVING MATTING FOR EROSION CONTROL	Lump Sum	Lo	** AT STATION ********
10,270 10	M2 M2	PERMANENT SOIL REINFORCEMENT			( 1, 36+01.949 -L- LT LN )
10	1112	MAT	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
535	M	6.4MM HARDWARE CLOTH			(1, 36+01.949 -L- RT LN)
1	EA	***X***X***MM PERFORATED CS	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
		PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)			** AT STATION ************************************
800	M3	STILLING BASINS	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
83.5	HA	SEEDING & MULCHING	<b>F</b>		** AT STATION ********
25.5	HA	MOWING		1.0	(2, 25+51.408 -L- LT LN)
550	KG	SEED FOR REPAIR SEEDING	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
2,350	MTN KG	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING			( 2, 25+51.408 -L- RT LN )
140.25	MTN	FERTILIZER TOPDRESSING	19.4	M	****MM DIA DRILLED PIERS IN
0.6	HA	SPECIALIZED SEEDING UNDER			SOIL ( 1066MM )
		GUIDERAIL & GUARDRAIL (CENTI-	28.5	M	****MM DIA DRILLED PIERS NOT
40	М	PEDE) IMPERVIOUS DIKE			IN SOIL
33	HR	SPECIALIZED HAND MOWING	2	EA	( 1066MM ) CROSSHOLE SONIC LOGGING
16	EA	RESPONSE FOR EROSION CONTROL	213	M	CSL TUBES
2,000	M3	CULVERT DIVERSION CHANNEL	12,067.1	M2	REINFORCED CONCRETE DECK SLAB
1	HA	REFORESTATION	11,875.7	M2	GROOVING BRIDGE FLOORS
690	M	SIGNAL CABLE	1,868.7	M3	CLASS A CONCRETE (BRIDGE)
9	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
835	M	TRACER WIRE			( 19+51.883 -L- LT LN )
1,030	M	TRENCHING (UNPAVED)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
390	M	DIRECTIONAL DRILL POLYETHYLENE			*************** ( 19+51.883 -L- RT LN )
		CONDUIT, 31.75MM (** CONDUIT) (2)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
16	EA	JUNCTION BOX (STANDARD SIZE)			*******
9	EA	JUNCTION BOX (OVER-SIZED)	I C	1.0	( 25+51.408 -L- LT LN ) BRIDGE APPROACH SLABS, STATION
380	M	INDUCTIVE LOOP SAWCUT	Lump Sum	LS	*********
630 911	M M	LEAD-IN CABLE COMMUNICATIONS CABLE (**FIBER)			( 25+51.408 -L- RT LN )
911	IVI	(12)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
888	M	COMMUNICATIONS CABLE (**FIBER)			( 28+55.867 -L- LT LN )
	г.	(24)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
2 2	EA EA	INTERCONNECT CENTER FIBER-OPTIC TRANSCEIVER			**************************************
9	EA	DELINEATOR MARKER	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
3	EA	SIGNAL SUPPORT MAST ARM WITH	•		******
		METAL POLE	Lump Sum	1.0	( 36+01.949 -L- LT LN ) BRIDGE APPROACH SLABS, STATION
1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION	Lump Sum	LS	**********
4	EA	SIGN FOR SIGNALS			( 36+01.949 -L- RT LN )
2	EA	SIGNAL CABINET FOUNDATION	167,284	KG	REINFORCING STEEL (BRIDGE)
2	EA	CABINET BASE ADAPTER	13,866	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	1,228.618	M	1372MM PRESTRESSED CONCRETE
6	EA	GENERIC SIGNAL ITEM			GIRDERS
ŭ	2	DETECTOR CARD (TYPE 2070L)	880.8	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
2	EA	GENERIC SIGNAL ITEM	1,935.708	M	MODIFIED 1829MM PRESTRESSED
		FOUNDATION W/ WING WALL (TYPE 2)	-,		CONC GIRDERS
3	EA	GENERIC SIGNAL ITEM	2,636.5	M	HP310X79 STEEL PILES
		SOIL TEST	1,025.378	M	CONCRETE BARRIER RAIL
10	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION,	8,462.2 Lump Sum	M2 LS	100MM SLOPE PROTECTION ELASTOMERIC BEARINGS
		(1067MM DIA)	Lump Sum	LS	EVAZOTE JOINT SEALS
5	M	GENERIC SIGNAL ITEM	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA
		DRILLED PIER FOUNDATION,	·		**************************************
		(1220MM DIA)	Lump Sum	LS	( 25+51.408 -L- LT LN ) ELECTRICAL CONDUIT SYSTEM, STA
			Lump Sum	Lo	**********
		CHI VEDT ITEMS			(25+51.408 -L- RT LN )
		CULVERT ITEMS	176	M	GENERIC STRUCTURE ITEM PILE EXCAVATION IN SOIL
			20	M	GENERIC STRUCTURE ITEM
Lump Sum	LS	CULVERT EXCAVATION, STA *****			PILE EXCAVATION NOT IN SOIL
, ~	1.0	(26+74.500-L-)			
Lump Sum	LS	CULVERT EXCAVATION, STA ****** ( 35+14.000 -L- )			

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 004

**CONTRACT ID: C201127** 

37116 DIV OFFICE FAYETTEVILLE

LENGTH = 8.870 MI

**COUNTY** : **COLUMBUS** 

GRADING, DRAINAGE, MILLING, RESURFACING AND CURB & GUTTER.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: DEC 06 2004

US-701 BUS FROM CSX RR TO RADIO STATION RD, US-76 FROM CERRO GORDO ELEM SCHOOL TO SR-1409 & 2 SECTIONS OF SECONDARY ROAD.

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
100	CY	UNCLASSIFIED EXCAVATION
450	CY	BORROW EXCAVATION
240	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
255	LF EA	GENERIC GRADING ITEM REMOVAL OF EXIST 6" CONC CURB GENERIC GRADING ITEM
2	D/L	REMOVAL OF EXIST CONC HEAD- WALL
75	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
200	LF LF	15" RC PIPE CULVERTS, CLASS III 18" RC PIPE CULVERTS, CLASS
16	LF	III 24" RC PIPE CULVERTS, CLASS
8	LF	III 42" RC PIPE CULVERTS, CLASS
Lump Sum	LS	III FINE GRADING
65	TON	AGGREGATE BASE COURSE
285	TON	INCIDENTAL STONE BASE
15.38	SMI	SHOULDER RECONSTRUCTION
38,350	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
2,550	SY	MILLING ASPHALT PAVEMENT, ***" TO ****** DEPTH (0" TO 1-1/2")
5,320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,120	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
21,305	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,666	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
95 16	TON EA	PATCHING EXISTING PAVEMENT MASONRY DRAINAGE STRUCTURES
. 5	EA	FRAME WITH TWO GRATES, STD 840.16
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2	EA	FRAME WITH COVER, STD 840.54
550	LF	**"X **" CONCRETE CURB (8" X 6")
100	SY	4" CONCRETE SIDEWALK
1,260	EA SY	WHEELCHAIR RAMPS 6" CONCRETE DRIVEWAY
310	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1,110	LF	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER W/ DEPRESSIONS FOR W/C RAMPS
4	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
90,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
68,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
465	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
95 725	LF LF	LINES (16", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
48	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
92	EA	CHARACTER (120MIL) THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)

43,500	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (16")
550	LF	PAINT PAVEMENT MARKING LINES (24")
28	EA	PAINT PAVEMENT MARKING CHARACTER
825	EA	PERMANENT RAISED PAVEMENT MARKERS
280	LF	TEMPORARY SILT FENCE
80	TON	STONE FOR EROSION CONTROL, CLASS B
20	TON	SEDIMENT CONTROL STONE
100	LF	TRENCHING (PAVED)
3	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	2" RISER WITH WEATHERHEAD
1,400	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 005

CONTRACT ID: C201126

37181 DIV OFFICE GREENSBORO

**LENGTH = 14.268 MI** 

**COUNTY** : **GUILFORD** 

MILLING, RESURFACING, SHLDR RECONST, GUARDRAIL & PVMT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: JUN 01 2005

SR-2565 FROM SR-2526 TO EAST OF SR-2819 AND VARIOUS SECTIONS OF NC-68 & NC-610 AND 2 SECTIONS OF SECONDARY ROAD.

#### **ROADWAY ITEMS**

12,250 LF INDUCTIVE LOOP SAWCUT

I C	1.0	MOBILIZATION	300	LF	LEAD-IN CABLE
Lump Sum 535	LS TON	INCIDENTAL STONE BASE	500		EEND-IN CRIBEE
2.62	SMI	SHOULDER RECONSTRUCTION			
7,462	SY	MILLING ASPHALT PAVEMENT, ***"			
7,402	31	DEPTH			
		(1-1/2")			
16,663	SY	MILLING ASPHALT PAVEMENT, ***"			
		DEPTH (3")			
8,650	SY	MILLING ASPHALT PAVEMENT, ***"			
-,		DEPTH			
		(4")			
14,555	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH			
		(0" TO 1-1/4")			
22,481	SY	MILLING ASPHALT PAVEMENT, ***"			
		TO ****** DEPTH			
1 400	037	(0" TO 2")			
1,409	SY	MILLING ASPHALT PAVEMENT, ***" TO ****** DEPTH			
		(0" TO 5-1/2")			
928	SY	INCIDENTAL MILLING			
3,673	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
7,014	TON	ASPHALT CONC INTERMEDIATE			
7,014	1011	COURSE, TYPE 119.0B			
28,599	TON	ASPHALT CONC SURFACE COURSE,			
		TYPE S9.5B			
1,923	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
2,472	TON	ASPHALT BINDER FOR PLANT MIX,			
-,		GRADE PG 64-22			
101,562	SY	GENERIC PAVING ITEM			
		ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE			
20	EA	WHEELCHAIR RAMPS			
58	EA	GENERIC PAVING ITEM			
		RETROFIT EXISTING WHEELCHAIR			
	г.	RAMPS			
1 150	EA EA	ADJUSTMENT OF DROP INLETS ADJUSTMENT OF MANHOLES			
173	EA	ADJUSTMENT OF MEANINGES  ADJUSTMENT OF METER BOXES OR			
175	Lit	VALVE BOXES			
312.5	LF	STEEL BM GUARDRAIL			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
4	EA	III GUARDRAIL ANCHOR UNITS, TYPE			
7	LA	350			
61,076	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (4", 90 MILS)			
178,801	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
720	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (6", 120 MILS)			
2,729	LF	THERMOPLASTIC PAVEMENT MARKING			
2,317	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING			
2,517	Li	LINES (8", 120 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (16", 120 MILS)			
2,412	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
62	EA	THERMOPLASTIC PAVEMENT MARKING			
		CHARACTER (120MIL)			
361	EA	THERMOPLASTIC PAVEMENT MARKING			
126,429	LF	SYMBOL (90 MILS) PAINT PAVEMENT MARKING LINES			
120,425	Li	(4")			
92	LF	PAINT PAVEMENT MARKING LINES			
		(16")			
60	LF	PAINT PAVEMENT MARKING LINES (24")			
Lump Sum	LS	PORTABLE LIGHTING			
0.95	ACR	SEEDING & MULCHING			
0.95	ACR				
•	E A	RESIDENTIAL SEEDING JUNCTION BOX (STANDARD SIZE)			
12 250	EA LF	INDUCTIVE LOOP SAWCUT			

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 006

CONTRACT ID: C201128 7R.10681.1 DIV OFFICE GREENSBORO LENGTH = 16.785 MI

**COUNTY** : **ORANGE** 

MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE: NOV 15 2004

VARIOUS SECTIONS OF US-70A NEAR HILLSBOROUGH, NC-86 FROM SR-1750 TO SR-1777 & 12 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
1,495	TON	INCIDENTAL STONE BASE
9.17	SMI	SHOULDER RECONSTRUCTION
300	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")
1,638	SY	MILLING ASPHALT PAVEMENT, ***" TO ****** DEPTH (0" TO 1-1/4")
6,411	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 2")
5,174	SY	MILLING ASPHALT PAVEMENT, ***" TO ******* DEPTH (0" TO 3")
333	SY	INCIDENTAL MILLING
3,393	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
51	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
18,371	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,184	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,425	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
215,167	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
55	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
3	EA	WHEELCHAIR RAMPS
58	EA	ADJUSTMENT OF MANHOLES
68	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
49,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
70,873	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,056	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
658	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
85	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
216,167	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	PORTABLE LIGHTING
1.04	ACR	SEEDING & MULCHING
2.3	ACR	GENERIC EROSION CONTROL ITEM RESIDENTIAL SEEDING
3,100	LF	INDUCTIVE LOOP SAWCUT

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L040217 007

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C200792 33227.3.1 DIV OFFICE ABERDEEN LENGTH = 0.212 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 8.0% COMPLETION DATE: DEC 31 2004

#### BRIDGE OVER CABLE CREEK AND APPROACHES ON SR-1320.

		ROADWAY ITEMS	700 75	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A
Lump Sum	LS	MOBILIZATION	550	TON	STONE FOR EROSION CONTROL,
Lump Sum	LS	GRADING	175	TON	CLASS B
. 1	ACR	SUPPLEMENTARY CLEARING & GRUB-	175	TON	
		BING	1.5	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
100	CY	UNDERCUT EXCAVATION	0.25	TON	FERTILIZER FOR TEMPORARY SEED-
450	CY	DRAINAGE DITCH EXCAVATION	5. <u>2</u> 5	1011	ING
24	CY	SELECT GRANULAR MATERIAL	850	CY	SILT EXCAVATION
320 50	SF TON	TEMPORARY SHORING FOUNDATION CONDITIONING MATE-	425	SY	SYNTHETIC ROVING
30	ION	RIAL, MINOR STRS	775	SY	MATTING FOR EROSION CONTROL
188	LF	15" SIDE DRAIN PIPE	220	SY	PERMANENT SOIL REINFORCEMENT MAT
76	LF	24" SIDE DRAIN PIPE	50	LF	1/4" HARDWARE CLOTH
168	LF	**" CS PIPE CULVERTS, *****"	50	CY	STILLING BASINS
		THICK (72", 0.138")	3	EA	SPECIAL STILLING BASINS
32	LF	15" BIT COAT CS PIPE CULVERTS,	2	ACR	SEEDING & MULCHING
		TYPE B 0.064" THICK	1	ACR	MOWING
4	EA	15" BIT COAT CS PIPE ELBOWS,	50	LB	SEED FOR REPAIR SEEDING
416	LE	TYPE B 0.064" THICK	0.25		FERTILIZER FOR REPAIR SEEDING
416 1,190	LF TON	PIPE REMOVAL AGGREGATE BASE COURSE	50 1.25	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
100	TON	INCIDENTAL STONE BASE	250	LF	IMPERVIOUS DIKE
800	GAL	PRIME COAT	2	HR	SPECIALIZED HAND MOWING
480	TON	ASPHALT CONC BASE COURSE, TYPE	8	EA	RESPONSE FOR EROSION CONTROL
		B25.0B	125	CY	CULVERT DIVERSION CHANNEL
330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	0.82	ACR	REFORESTATION
820	TON	ASPHALT CONC SURFACE COURSE,			
020	1011	TYPE SF9.5A			
90	TON	ASPHALT BINDER FOR PLANT MIX,			CULVERT ITEMS
		GRADE PG 64-22			
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
1	EA	METAL FUNNELS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
12	LF	12" FUNNEL DRAIN PIPE			AT STATION ************************************
1	EA	12" FUNNEL DRAIN PIPE ELBOWS	Lump Sum	LS	CULVERT EXCAVATION, STA *****
2	EA	MASONRY DRAINAGE STRUCTURES	·		(17+73.00 -L-)
2	EA	FRAME WITH TWO GRATES, STD	120	TON	FOUNDATION CONDITIONING MATER-
535	LF	840.29 SHOULDER BERM GUTTER	197.4	CY	IAL, BOX CULVERT CLASS A CONCRETE (CULVERT)
90	SY	4" CONCRETE PAVED DITCH	32,455	LB	REINFORCING STEEL (CULVERT)
700	LF	STEEL BM GUARDRAIL	,		(662 (211)
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
250	LF	350 TEMPORARY STEEL BM GUARDRAIL			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			
•	2	350 TEMPORARY			
34	TON	PLAIN RIP RAP, CLASS I			
97	TON	PLAIN RIP RAP, CLASS A			
	TON	PLAIN RIP RAP, CLASS B			
1,675	SY	FILTER FABRIC FOR DRAINAGE CONTRACTOR FURNISHED, TYPE ***			
12.5	SF	SIGN			
		(E)			
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE E			
10	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
218	SF	WORK ZONE SIGNS (STATIONARY)			
128	SF	WORK ZONE SIGNS (PORTABLE)			
46	SF	WORK ZONE SIGNS (BARRICADE			
	г.	MOUNTED)			
52 30	EA EA	DRUMS CONES			
72	LF	BARRICADES (TYPE III)			
1,880	HR	FLAGGER			
4	EA	WARNING LIGHTS (TYPE B)			
71	EA	TEMPORARY RAISED PAVEMENT			
24.45		MARKERS  PARTE DAVEMENT MARKING LINES			
26,647	LF	PAINT PAVEMENT MARKING LINES (4")			
120	LF	PAINT PAVEMENT MARKING LINES			
15	EA	(24") PERMANENT RAISED PAVEMENT			
		MARKERS			

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 008

**CONTRACT ID: C201129** 

DIV OFFICE ABERDEEN

LENGTH = 18.420 MI

**COUNTY** : **MOORE** 

DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & GUARDRAIL.

36800

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: DEC 01 2004

US-15/501 FROM N OF CARTHAGE TO W OF SR-1007, NC-22 FROM S OF SR-1843 TO US-15/501 & SECTION OF NC-24/27 W OF CAMERON.

Lump Cum	1.0	MOBILIZATION
Lump Sum 11,495	LS SY	REMOVAL OF EXISTING ASPHALT
280	LF	PAVEMENT 15" RC PIPE CULVERTS, CLASS
		III
304	LF	18" RC PIPE CULVERTS, CLASS III
16	LF	24" RC PIPE CULVERTS, CLASS III
560	TON	INCIDENTAL STONE BASE
8.45	SMI	SHOULDER CONSTRUCTION
27.88	SMI	SHOULDER RECONSTRUCTION
98,425	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1")
355	SY	INCIDENTAL MILLING
5,660	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,877	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
16,183	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
27,499	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,022	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,789	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1.5	CY	ENDWALLS
2	CY	PIPE COLLARS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
150	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
2	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
175	LF	STEEL BM GUARDRAIL
100	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
129,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
146,660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
119	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
387,195	LF	PAINT PAVEMENT MARKING LINES (4")
2,309	EA	PERMANENT RAISED PAVEMENT MARKERS
402	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
900	LF	TEMPORARY SILT FENCE
510	TON	STONE FOR EROSION CONTROL, CLASS B
510	TON	SEDIMENT CONTROL STONE
27.78	ACR	SEEDING & MULCHING

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 009

**CONTRACT ID: C201130** 

36964

**DIV OFFICE ABERDEEN** 

**LENGTH = 14.530 MI** 

COUNTY

: MONTGOMERY

WIDENING, MILLING, DRAINAGE, SHLDR RECONST & RESURFACING.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: DEC 01 2004

NC-109 FROM NC-731 TO THE RICHMOND CO, 3 SECTION OF US-220A, 2 SECTIONS OF NC-24/27 & 2 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
44	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	PIPE REMOVAL
170	TON	INCIDENTAL STONE BASE
29.06	SMI	SHOULDER RECONSTRUCTION
807	SY	INCIDENTAL MILLING
4,033	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
19,220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,933	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,423	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
450	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
65	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
101,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
84,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
98,845	LF	PAINT PAVEMENT MARKING LINES (4")
930	EA	PERMANENT RAISED PAVEMENT MARKERS
343	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
500	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS B
20	TON	SEDIMENT CONTROL STONE
19.57	ACR	SEEDING & MULCHING

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 010

**CONTRACT ID: C201131** 

36792 DIV OFFICE ABERDEEN

LENGTH = 5.250 MI

COUNTY : CHATHAM

MILLING, SHLDR RECONST, DRAINAGE, RESURFACING & PVT MARKINGS

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

SR-1532 FROM SR-1525 TO US-15/501.

Sum	LS	MOBILIZATION
31	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
226	LF	15" RC PIPE CULVERTS, CLASS III
56	LF	18" RC PIPE CULVERTS, CLASS III
100	LF	PIPE REMOVAL
245	TON	INCIDENTAL STONE BASE
3.3	SMI	SHOULDER CONSTRUCTION
7.2	SMI	SHOULDER RECONSTRUCTION
85	SY	INCIDENTAL MILLING
7,268	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,887	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,151	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
173	TON	PATCHING EXISTING PAVEMENT
1	CY	PIPE COLLARS
4,400	LF	GENERIC PAVING ITEM
		ASPHALT SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
5,506	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,086	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
935	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
40	TON	STONE FOR EROSION CONTROL, CLASS B
20	TON	SEDIMENT CONTROL STONE
7.5	ACR	SEEDING & MULCHING
200	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE
	31 226 56 100 245 3.3 7.2 85 7,268 7,268 1,151 14,400 1 1 1 1 5,506 380 46 935 200 40 20 7.5 200	31 TON 226 LF 56 LF 100 LF 245 TON 3.3 SMI 7.2 SMI 85 SY 7,268 TON 1,151 TON 173 TON 1 CY 4,400 LF 1 EA 1 EA 5,506 LF 2,086 LF 380 LF 46 EA 935 EA 200 LF 40 TON 7.5 ACR 200 LF

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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 011

CONTRACT ID: C201136 8CR.10531.1 DIV OFFICE ABERDEEN LENGTH = 9.160 MI

COUNTY : LEE

MILLING, SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE: NOV 01 2004

#### 2 SECTIONS OF US-15/501, 2 SECTIONS OF US-1 BUS AND 9 SECTIONS OF SECONDARY ROADS.

ump Sum	LS	MOBILIZATION
1,035	TON	INCIDENTAL STONE BASE
15.46	SMI	SHOULDER RECONSTRUCTION
57,000	SY	MILLING ASPHALT PAVEMENT, ***"
		TO *****" DEPTH
		(1" TO 2-1/2")
1,615	SY	INCIDENTAL MILLING
1,365	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
13,040	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
906	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
319	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
74	EA	ADJUSTMENT OF MANHOLES
54	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
34,335	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
27,170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
215,625	LF	PAINT PAVEMENT MARKING LINES (4")
1,828	EA	PERMANENT RAISED PAVEMENT MARKERS
9.34	ACR	SEEDING & MULCHING

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#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

33671.3.1

L040217 012

**CONTRACT ID: C200793** 

**DIV OFFICE WINSTON-SALEM** 

LENGTH = 0.341 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 10.0% COMPLETION DATE: DEC 31 2004

#### BRIDGE OVER SOUTH POTTS CREEK & APPROACHES ON SR-1147.

		ROADWAY ITEMS	1,085	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
Lump Sum	LS	MOBILIZATION	4 3	EA EA	3/4" CORPORATION STOP 6" GATE VALVE & VALVE BOX,
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	3	EA	200# WP 8" GATE VALVE & VALVE BOX, *****WP
1	ACR	(27+49.00) SUPPLEMENTARY CLEARING & GRUB-	2	EA	(200#) 12" GATE VALVE & VALVE BOX,
250	CY	BING UNDERCUT EXCAVATION			*****WP (200#)
Lump Sum 300	LS TON	GRADING CLASS IV SUBGRADE STABILIZA- TION	2	EA	6" TRANSITION COUPLING, **********
19,700	CY	BORROW EXCAVATION	4	EA	(AC TO DI) RELOCATE EXISTING WATER METER
360	CY	DRAINAGE DITCH EXCAVATION	1	EA	RELOCATE EXISTING FIRE HYDRANT
250	CY	SELECT GRANULAR MATERIAL	256	LF	FILL OR REMOVE ABANDONED **"
500	SY	FABRIC FOR SOIL STABILIZATION			PIPE, ************************************
53	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	1,310	LF	FILL OR REMOVE ABANDONED **"
80	LF	15" SIDE DRAIN PIPE	1,510		PIPE, ********
172	LF	24" SIDE DRAIN PIPE			(8", AC WATER)
132	LF	15" RC PIPE CULVERTS, CLASS	4	EA	GENERIC UTILITY ITEM
108	LF	III 15" BIT COAT CS PIPE CULVERTS,	4	EA	12" RESTRAINED RETAINER GLAND GENERIC UTILITY ITEM
	Ε.	TYPE B 0.064" THICK	8	EA	6" RESTRAINED RETAINER GLAND GENERIC UTILITY ITEM
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	100	LF	8" RESTRAINED RETAINER GLAND
133	LF EA	PIPE REMOVAL	100	LF	GENERIC UTILITY ITEM TRENCHLESS INSTALLATION OF 8"
55	TON	PIPE CLEAN-OUT AGGREGATE BASE COURSE	400		WATER PIPE IN SOIL
80	TON	INCIDENTAL STONE BASE	100	LF	GENERIC UTILITY ITEM TRENCHLESS INSTALLATION OF 8"
740	TON	ASPHALT CONC BASE COURSE, TYPE			WATER PIPE NOT IN SOIL
510	TON	B25.0B ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	425 175	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,
980	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A	575	TON	CLASS A STONE FOR EROSION CONTROL, CLASS B
120	TON	ASPHALT BINDER FOR PLANT MIX,	192	TON	SEDIMENT CONTROL STONE
5	TON	GRADE PG 64-22 ASPHALT PLANT MIX, PAVEMENT	3 100	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
21	EA	REPAIR RIGHT OF WAY MARKERS	0.5	TON	FERTILIZER FOR TEMPORARY SEED-
4	EA	MASONRY DRAINAGE STRUCTURES	100	LE	ING
4	EA	FRAME WITH GRATE, STD 840.29	4	LF EA	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY
400	LF	SHOULDER BERM GUTTER	4	LA	SLOPE DRAINS
700	LF	STEEL BM GUARDRAIL	1,535	CY	SILT EXCAVATION
5	EA	ADDITIONAL GUARDRAIL POSTS	700	SY	SYNTHETIC ROVING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	1,130	SY	MATTING FOR EROSION CONTROL
4	EA	III GUARDRAIL ANCHOR UNITS, TYPE	80 4	LF ACR	1/4" HARDWARE CLOTH SEEDING & MULCHING
		350	2	ACR	MOWING
20	TON	PLAIN RIP RAP, CLASS I	50	LB	SEED FOR REPAIR SEEDING
160	TON	PLAIN RIP RAP, CLASS B	0.25	TON	FERTILIZER FOR REPAIR SEEDING
650 559	SY SF	FILTER FABRIC FOR DRAINAGE WORK ZONE SIGNS (STATIONARY)	75	LB	SEED FOR SUPPLEMENTAL SEEDING
144	SF	WORK ZONE SIGNS (STATIONART) WORK ZONE SIGNS (BARRICADE	3		FERTILIZER TOPDRESSING
144	01	MOUNTED)	2	HR	SPECIALIZED HAND MOWING
4	EA	WARNING FLAG SETS	12	EA	RESPONSE FOR EROSION CONTROL
30	EA	DRUMS	0.07		STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM
192	LF	BARRICADES (TYPE III)	225	SY	COIR FIBER MAT
3,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
3,632	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			STRUCTURE ITEMS
23	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
90	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ******** (IV)	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
90	TON	BEDDING MATERIAL, UTILITIES CLASS ************(IV)	Lump Sum	LS	(27+49.00-L-) REMOVAL OF EXISTING STRUCTURE
25	TON	PAVEMENT REPAIR FOR UTILITY WORK			AT STATION ************************************
115	LF	6" DI WATER PIPE, PC 350	500	CY	UNCLASSIFIED STRUCTURE EXCAVA-
1,677	LF	8" DI WATER PIPE, PC 350	7,570	S.F.	TION  PEINEOPCED CONCRETE DECK SLAB
55	LF	12" DI WATER PIPE, PC 350	7,570 6,169	SF SF	REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
225	LF	3/4" COPPER WATER PIPE, TYPE K	78.5	CY	CLASS A CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(27+49.00-L-)
12,089	LB	REINFORCING STEEL (BRIDGE)
906.33	LF	54" PRESTRESSED CONCRETE GIR- DERS
710	LF	HP12X53 STEEL PILES
500	LF	PP ** X **** STEEL PILES
		(30 X 0.625)
457.6	LF	CONCRETE BARRIER RAIL
501	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
556	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 013

**CONTRACT ID: C201125** 

36863

DIV OFFICE WINSTON-SALEM

LENGTH = 5.495 MI

**COUNTY** : **DAVIDSON** 

GRADING, WIDENING, RESURFACING & PVMT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: SEP 30 2004

#### US-64 FROM WEST OF NC-109 TO WEST OF I-85.

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
216	TON	INCIDENTAL STONE BASE
13,642	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,224	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
14,112	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
653	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
917	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
90	TON	PATCHING EXISTING PAVEMENT
37	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF METER BOXES OR VALVE BOXES
218,400	LF	PAINT PAVEMENT MARKING LINES (4")
1,330	LF	PAINT PAVEMENT MARKING LINES (8")
380	LF	PAINT PAVEMENT MARKING LINES (16")
1,100	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARACTER
134	EA	PAINT PAVEMENT MARKING SYMBOL
975	EA	PERMANENT RAISED PAVEMENT MARKERS
11.28	ACR	SEEDING & MULCHING

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 014

**CONTRACT ID: C201135** 

36836

**DIV OFFICE WINSTON-SALEM** 

LENGTH = 56.463 MI

COUNTY

: FORSYTH

MILLING, RESURFACING, SHLDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: SEP 30 2004

3 SECTIONS OF US-311, 1 SECTION OF NC-66, 3 SECTIONS OF NC-67 AND 23 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
409	TON	INCIDENTAL STONE BASE
37.89	SMI	SHOULDER RECONSTRUCTION
61,431	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
380	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
21,884	SY	MILLING ASPHALT PAVEMENT, ***" TO ****** DEPTH (0" TO 1-1/2")
136	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH
11,292	TON	(0" TO 2-1/2") ASPHALT CONC BASE COURSE, TYPE B25.0B
4,101	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
58	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
44,553	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
38	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
40,387	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,565	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,626	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
283	TON	PATCHING EXISTING PAVEMENT
13,116	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
2	EA	ADJUSTMENT OF CATCH BASINS
3	EA	ADJUSTMENT OF DROP INLETS
142	EA	ADJUSTMENT OF MANHOLES
176	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
492,542	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
587,573	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6,252	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
954	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,932	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
108	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
396	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
24,211	LF	PAINT PAVEMENT MARKING LINES (4")
647	LF	PAINT PAVEMENT MARKING LINES (24")
53	EA	PAINT PAVEMENT MARKING SYMBOL

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 015

**CONTRACT ID: C201137** 

36857 DIV OFFICE WINSTON-SALEM

**LENGTH = 32.786 MI** 

COUNTY : STOKES

MILLING, RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: SEP 30 2004

3 SECTIONS OF NC-311, 2 SECTIONS OF NC-8/89, 1 SECTION OF NC-704, NC-89 & NC-268 & 9 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
282	TON	INCIDENTAL STONE BASE
34.02	SMI	SHOULDER RECONSTRUCTION
700	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
866	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 1-1/2")
550	SY	INCIDENTAL MILLING
4,009	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
11,446	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
19,542	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
21,834	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,934	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,420	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
51	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF DROP INLETS
8	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
313,316	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
323,949	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
642	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
28	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
57,002	LF	PAINT PAVEMENT MARKING LINES (4")

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#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C200777 34408.3.3 DIV OFFICE ALBEMARLE

L040217 016 LENGTH = 1.989 KM

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, C&G & CULVERTS.

#### DBE GOAL 10.0% COMPLETION DATE: OCT 01 2005

### CONCORD-KANNAPOLIS WESTSIDE BYPASS EXT FROM SR-1431 (WEDDINGTON RD) TO SR-1555 (GRAND CANYON RD).

		ROADWAY ITEMS	3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			6	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Cum	1.0	MODILIZATION	1,300	M	SHOULDER DRAIN
Lump Sum Lump Sum	LS LS	MOBILIZATION CLEARING & GRUBBING HEC- TARE(S)	1,300 75	M M	100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER
0.4	НА	SUPPLEMENTARY CLEARING & GRUB- BING	5	EA	DRAINS) CONCRETE PAD FOR SHOULDER
1	EA	SEALING ABANDONED WELLS	10	1 47D 1	DRAIN PIPE OUTLET
115,000	M3	UNCLASSIFIED EXCAVATION	10	MTN	BLOTTING SAND
8,400	M3	UNDERCUT EXCAVATION	6	M3 M3	ENDWALLS PIPE COLLARS
1,000	MTN	CLASS IV SUBGRADE STABILIZA-	10	M3	FLOWABLE FILL
9,100	М3	TION BORROW EXCAVATION	73	EA	MASONRY DRAINAGE STRUCTURES
1,250	M3	DRAINAGE DITCH EXCAVATION	9	EA	FRAME WITH TWO GRATES, STD
9,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			840.**** (840.20)
6,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	6	EA	FRAME WITH TWO GRATES, STD 840.16
15	HR	PROOF ROLLING	22	EA	FRAME WITH TWO GRATES, STD 840.22
1,000	M3	SELECT GRANULAR MATERIAL	2	EA	FRAME WITH TWO GRATES, STD
600	M2	FABRIC FOR SOIL STABILIZATION	-	2	840.24
870	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	1	EA	FRAME WITH GRATE & HOOD, STD
13.2	M	375MM SIDE DRAIN PIPE			840.03, TYPE ** (E)
18	M	450MM SIDE DRAIN PIPE	13	EA	FRAME WITH GRATE & HOOD, STD
1,080	M	375MM RC PIPE CULVERTS, CLASS		221	840.03, TYPE ** (F)
696	M	450MM RC PIPE CULVERTS, CLASS III	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
230.4	M	600MM RC PIPE CULVERTS, CLASS III	3	EA	(G) FRAME WITH COVER, STD 840.54
346.8	M	750MM RC PIPE CULVERTS, CLASS III	3 90	EA M	CONCRETE APRON FOR DROP INLETS 450MM CONCRETE CURB & GUTTER
220.8	М	900MM RC PIPE CULVERTS, CLASS III	1,915 890	M M	750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER
51.6	M	1050MM RC PIPE CULVERTS, CLASS III	130 150	M2 M2	100MM CONCRETE SIDEWALK CONCRETE WHEELCHAIR RAMPS
33.6	M	1200MM RC PIPE CULVERTS, CLASS III	110	M2	150MM CONCRETE DRIVEWAY
3	EA	***MM PIPE END SECTION (375MM)	1,600	M2	125MM MONOLITHIC CONCRETE IS- LANDS (SURFACE MOUNTED)
20.4	M	400MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK	24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
33.6	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK	811.53 41.91	M M	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP
4	EA	400MM BIT COAT CS PIPE ELBOWS,	10	EA	CURVED ADDITIONAL GUARDRAIL POSTS
4	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
490	М	TYPE B 1.63MM THICK PIPE REMOVAL	7	EA	GUARDRAIL ANCHOR UNITS, TYPE
Lump Sum	LS	FINE GRADING			CAT-1
38,000	M2	LIME TREATED SOIL (SLURRY METHOD)	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
		LIME FOR LIME TREATED SOIL	2,660	М	WOVEN WIRE FENCE, 1200MM FAB- RIC
500		STABILIZER AGGREGATE	536	EA	100MM TIMBER FENCE POSTS,
25,300	M1N M2	AGGREGATE BASE COURSE ***MM SOIL CEMENT BASE	160	F.4	2.30M LONG
,		(180MM)	168	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
770	MIN	PORTLAND CEMENT FOR SOIL CE- MENT BASE	100 100	M M	ADDITIONAL BARBED WIRE GENERIC FENCING ITEM
350	MTN	AGGREGATE FOR SOIL CEMENT BASE	100	147	REMOVE & RESET EXISTING VINYL
43,100	L	ASPHALT CURING SEAL			FENCE
200		INCIDENTAL STONE BASE	170		PLAIN RIP RAP, CLASS I
7,250		ASPHALT CONC BASE COURSE, TYPE B25.0B	280 2,175	MTN M2	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE
17,400		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
14,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	65 15	M2 M2	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
2,055	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	18	M2	WORK ZONE SIGNS (BARRICADE
130	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	1	EA	MOUNTED) FLASHING ARROW PANELS, TYPE C
332	M3	SUBDRAIN EXCAVATION	5	EA	WARNING FLAG SETS
166	M3	SUBDRAIN FINE AGGREGATE	152 39	EA EA	DRUMS CONES
400	M	150MM PERFORATED SUBDRAIN PIPE	84	M	BARRICADES (TYPE III)
42	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	480	HR	FLAGGER

0.5	Ε.	TEMPORARY RAISED PAVEMENT
9,500	EA M	MARKERS THERMOPLASTIC PAVEMENT MARKING
7,113	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
		LINES (100MM, 3.1MM)
159	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
1,202	М	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
306	М	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
205	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
15,075	M	PAINT PAVEMENT MARKING LINES (100MM)
112	M	PAINT PAVEMENT MARKING LINES (600MM)
145	EA	PERMANENT RAISED PAVEMENT MARKERS
1,278	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ******** (VI)
1,278	MTN	BEDDING MATERIAL, UTILITIES CLASS *******************(IV)
15	MTN	PAVEMENT REPAIR FOR UTILITY WORK
36	M	150MM DI WATER PIPE, PC 2.41MPA
82	M	200MM DI WATER PIPE, PC 2.41MPA
807	М	300MM DI WATER PIPE, PC 2.41MPA
1,951	M	600MM DI WATER PIPE, PC ***MPA (1.72MPA)
2,968	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP
8	M	***MM COPPER WATER PIPE, TYPE K
110	.,	(50MM)
110 10,553	M KG	20MM COPPER WATER PIPE, TYPE K DUCTILE IRON WATER PIPE FIT-
1	EA	TINGS, 1.72MPA MIN WP ***MM CORPORATION STOP
15	EA	(20MM) 150MM GATE VALVE & VALVE BOX,
3	EA	1.38MPA WP 200MM GATE VALVE & VALVE BOX, ****MPA WP
12	EA	(1.38 MPA) 300MM GATE VALVE & VALVE BOX,
12	D/L	****MPA WP (1.38 MPA)
15	EA	***MM BUTTERFLY VALVE & VALVE BOX
1	EA	(600MM) *** X ***MM TAPPING SLEEVE,
•	2	VALVE & VALVE BOX, ****MPA WP (600MM X 150MM, 1.38MPA)
1	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)
4	EA	***MM AIR RELEASE VALVE & MAN- HOLE
15	EA	(100MM) FIRE HYDRANT. ****MPA WP
4	EA	(1.03MPA) RELOCATE EXISTING FIRE HYDRANT
9	M	***MM DI SEWER PIPE, PC ***MPA (100MM, 2.41MPA)
409	M	200MM DI SEWER PIPE, PC 2.41MPA
91	М	300MM DI SEWER PIPE, PC
2	EA	2.41MPA SANITARY SEWER CLEAN-OUT
11	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
14	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
488	M	FILL OR REMOVE ABANDONED ***MM PIPE, *********
569	M	(200MM, PVC WATER) FILL OR REMOVE ABANDONED 300MM
		PIPE, ************************************
3 251	EA M	REMOVE EXISTING MANHOLE ***MM STEEL ENCASEMENT PIPE,
	-	****MM THICK, BY OPEN CUT (600MM, 6.35MM)
147	M	450MM STEEL ENCASEMENT PIPE,  ****MM THICK, BY OPEN CUT (6.35MM)

\*\*\*\*MM THICK, BY BORING & JACKING (900MM, 9.52MM) 450MM STEEL ENCASEMENT PIPE, \*\*\*\*MM THICK, BY OPEN CUT 32 (6.35MM) GENERIC UTILITY ITEM 12 EΑ 150MM RESTRAINED RETAINER GLANDS EΑ GENERIC UTILITY ITEM 8 200MM RESTRAINED RETAINER GLANDS 20 EΑ GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS GENERIC UTILITY ITEM 34 EΑ 600MM RESTRAINED RETAINER GLANDS GENERIC UTILITY ITEM RELOCATE EXISTING 50MM WATER METER WITH BACKFLOW PREVENTER GENERIC UTILITY ITEM EA RELOCATE EXISTING WATER METER WITH BACKFLOW PREVENTER GENERIC UTILITY ITEM 71 150MM DI RESTRAINED JOINT WATER PIPE PC 2.41 MPA GENERIC UTILITY ITEM 21 200MM DI RESTRAINED JOINT WATER PIPE PC 2.41 MPA GENERIC UTILITY ITEM 132 Μ 300MM DI RESTRAINED JOINT WATER PIPE PC 2.41 MPA GENERIC UTILITY ITEM 26 600MM DI RESTRAINED JOINT WATER PIPE PC 2.41 MPA 1,655 TEMPORARY SILT FENCE 280 MTN STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, 4,840 MTN CLASS B 1.895 MTN SEDIMENT CONTROL STONE 12 HA TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING 475 KG 3.75 MTN FERTILIZER FOR TEMPORARY SEED-ING TEMPORARY SLOPE DRAINS 210 M 16 EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS 15,435 M3 SILT EXCAVATION SYNTHETIC ROVING M2 2.200 MATTING FOR EROSION CONTROL 3.445 M2 PERMANENT SOIL REINFORCEMENT 2,000 M2 MAT 6.4MM HARDWARE CLOTH 400 М STILLING BASINS 450 M3 11 HA SEEDING & MULCHING HA MOWING 150 SEED FOR REPAIR SEEDING KG 0.5 FERTILIZER FOR REPAIR SEEDING MTN 325 KG SEED FOR SUPPLEMENTAL SEEDING 18.5 MTN FERTILIZER TOPDRESSING SPECIALIZED SEEDING UNDER 0.2 HA GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS) 80 M IMPERVIOUS DIKE HR SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL 16 CULVERT DIVERSION CHANNEL 276 M3 SIGNAL CABLE 2.180 M VEHICLE SIGNAL HEAD (300MM, 3 35 EΑ SECTION) VEHICLE SIGNAL HEAD (300MM, 5 6 EA SECTION) 18 BACKPLATE 675 MESSENGER CABLE (9.52MM) M 245 TRENCHING (UNPAVED) М JUNCTION BOX (STANDARD SIZE) 5 EA 4 EA WOOD POLE 8 EΑ **GUY ASSEMBLY** 25MM RISER WITH WEATHERHEAD EΑ 50MM RISER WITH WEATHERHEAD EΑ 427 М INDUCTIVE LOOP SAWCUT LEAD-IN CABLE 640 M METAL STRAIN SIGNAL POLE 8 EA 1 EA SIGN FOR SIGNALS EA SIGNAL CABINET FOUNDATION EA CABINET BASE ADAPTER CONTROLLER WITH CABINET (TYPE 2 EA 2070L, BASE MOUNTED) 31 EA DETECTOR CARD (TYPE 2070L) GENERIC SIGNAL ITEM LUMINAIRE ARM FOR VIDEO SYSTEM

\*\*\*MM STEEL ENCASEMENT PIPE.

16

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7 EA GENERIC SIGNAL ITEM RELOCATE CAMERA SENSOR UNIT

GENERIC SIGNAL ITEM 1 EA SITE SURVEY

GENERIC SIGNAL ITEM 8 EA

GENERIC SIGNAL ITEM SOIL TEST GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION 1050MM DIAMETER 40 M

\*\*\*\*\*\*\* BEGIN SCHEDULE HA \*\*\*\*\*\*\*

\*

4 EA GENERIC SIGNAL ITEM
CAMERA WITH INTERNAL LOOP
EMULATOR PROCESSING UNIT

\*\*\* OR \*\*\*

GENERIC SIGNAL ITEM CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT 4 EA

GENERIC SIGNAL ITEM EXTERNAL LOOP EMULATOR PROCESSING UNIT 1 EA

\*\*\* END SCHEDULE HA \*\*\*

#### **CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ****** (16+05.200 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (23+74.800 -L-)
247	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
310.8	M3	CLASS A CONCRETE (CULVERT)
26,246	KG	REINFORCING STEEL (CULVERT)
16	MTN	PLAIN RIP RAP, CLASS ** (I)
27	M2	FILTER FABRIC FOR DRAINAGE

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 017

**CONTRACT ID: C201111 37612** 

DIV OFFICE ALBEMARLE

LENGTH = 6.940 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING & PAVEMENT MARKINGS.

 $\label{eq:mbe} \mbox{MBE GOAL 10.0\% WBE 5.0\% COMPLETION DATE: SEE SPECIAL PROVISIONS} \\ \mbox{NC-51 FROM EAST OF SARDIS RD TO EAST OF JOHNSON RD.}$ 

Lump Sum	LS	MOBILIZATION
238,800	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
12,000	SY	MILLING ASPHALT PAVEMENT, ***" TO ******* DEPTH (1-1/2" TO 4")
1,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
21,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
75	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,375	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
700	TON	PATCHING EXISTING PAVEMENT
30	SY	4" CONCRETE SIDEWALK
3	EA	WHEELCHAIR RAMPS
142	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMPS
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4	EA	CHANGEABLE MESSAGE SIGNS
80	HR	POLICE
56,188	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
43,227	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
240	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
99,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,200	LF	PAINT PAVEMENT MARKING LINES (24")
3,500	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040217 018

**CONTRACT ID: C201074** 

36315.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 11.020 MI

COUNTY

: SURRY

CABLE GUIDERAIL.

DBE GOAL 7.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

I-74 FROM I-77 WEST OF PINE RIDGE TO US-52 SOUTH OF MOUNT AIRY.

Lump Sum	LS	MOBILIZATION
17	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
650	LF	REMOVE EXISTING GUARDRAIL
55,500	LF	CABLE GUIDERAIL
68	EA	CABLE GUIDERAIL ANCHOR UNITS
468	SF	WORK ZONE SIGNS (PORTABLE)
7	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
300	EA	DRUMS
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
67	ACR	MOWING
5.2	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
112	HR	SPECIALIZED HAND MOWING

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L040217 019

#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C200668 32997.3.2 DIV OFFICE SHELBY LENGTH = 0.491 KM

**COUNTY** : GASTON

GRADING, DRAINAGE, PAVING & STRUCTURE.

#### DBE GOAL 7.0% COMPLETION DATE: MAY 01 2006

#### BRIDGE OVER A FORK OF CATAWBA RIVER & APPROACHES ON NC-7.

		ROADWAY ITEMS	95.25	M	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL (WEATHERED STEEL WITH WOOD POSTS)
Lump Sum Lump Sum	LS LS	MOBILIZATION REINFORCED BRIDGE APPROACH FILL, STATION ************************************	22.86	М	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL, SHOP CURVED (WEATHERED STEEL WITH
Lump Sum	LS	(12+30.015) GRADING	5	EA	WOOD POST GENERIC GUARDRAIL ITEM ADDITIONAL GUARDRAIL POSTS
700	HA M3	SUPPLEMENTARY CLEARING & GRUB- BING UNDERCUT EXCAVATION	3	EA	(WOOD) GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE
1,650	M3	DRAINAGE DITCH EXCAVATION			350 (WEATHERED STEEL)
42	M2	TEMPORARY SHORING	4	EA	GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, TYPE
80	M	GENERIC GRADING ITEM STREAM CHANNEL CHANGE			III (WEATHERED STEEL)
115	MTN	FOUNDATION CONDITIONING MATE-	27 3	MTN MTN	PLAIN RIP RAP, CLASS I PLAIN RIP RAP, CLASS B
30	MTN	RIAL, MINOR STRS GENERIC DRAINAGE ITEM	690	M2	FILTER FABRIC FOR DRAINAGE
		BOULDERS (0.6M X 0.3M X 0.3M)	1.84	M2	CONTRACTOR FURNISHED, TYPE *** SIGN
14.4	M	300MM RC PIPE CULVERTS, CLASS III			(D)
174	M	375MM RC PIPE CULVERTS, CLASS III	0.9	M2	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
57.6	M	450MM RC PIPE CULVERTS, CLASS III	4.22	M2	CONTRACTOR FURNISHED, TYPE ***
97.2	M	600MM RC PIPE CULVERTS, CLASS III	50		SIGN (F)
12	M	450MM BIT COAT CS PIPE CUL-	58	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
7.2	M	VERTS, TYPE B 1.63MM THICK 600MM BIT COAT CS PIPE CUL-	2	EA	SIGN ERECTION, TYPE D
		VERTS, TYPE B 1.63MM THICK	2 6	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (450MM, 1.63MM)	1	EA	RELOCATE SIGN, TYPE ***** (E)
2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK	9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
36.1	М	(600MM, 1.63MM) PIPE REMOVAL	10	M2	WORK ZONE SIGNS (STATIONARY)
125		INCIDENTAL STONE BASE	21	M2 M2	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE
805	MTN	ASPHALT CONC BASE COURSE, TYPE		<b>-</b> .	MOUNTED)
790	MTN	B25.0B ASPHALT CONC INTERMEDIATE	2 24	EA EA	CHANGEABLE MESSAGE SIGNS WARNING FLAG SETS
		COURSE, TYPE 119.0B	220	EA	DRUMS
590	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	70	EA	CONES
111	MTN	ASPHALT BINDER FOR PLANT MIX,	20 384	M HR	BARRICADES (TYPE III) FLAGGER
50	MTN	GRADE PG 64-22 ASPHALT PLANT MIX PAVEMENT	95	M	WATER FILLED BARRIER
		REPAIR	384 165	HR EA	POLICE TEMPORARY RAISED PAVEMENT
111 83	M3 M3	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE	103	EA	MARKERS
200	M	150MM PERFORATED SUBDRAIN PIPE	10,264	M	PAINT PAVEMENT MARKING LINES (100MM)
20	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	880	M	PAINT PAVEMENT MARKING LINES (200MM)
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	140	M	PAINT PAVEMENT MARKING LINES (600MM)
4 19	M EA	150MM OUTLET PIPE (SUBDRAINS) MASONRY DRAINAGE STRUCTURES	56	EA	PAINT PAVEMENT MARKING SYMBOL
3.91	M	MASONRY DRAINAGE STRUCTURES	150	М	REMOVAL OF PAVEMENT MARKING LINES (100MM)
4	EA	FRAME WITH TWO GRATES, STD 840.29	165	EA	PERMANENT RAISED PAVEMENT
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	130	MTN	MARKERS FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********
8	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	130	MTN	(VI) BEDDING MATERIAL, UTILITIES CLASS ***********************************
3	EA	(F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	30	MTN	(IV) PAVEMENT REPAIR FOR UTILITY
2	EA	(G) FRAME WITH COVER, STD 840.54	185.1	M	WORK ***MM DI WATER PIPE, CLASS ********** WP
510	M	750MM CONCRETE CURB & GUTTER			(300MM, CLASS 50, 2.41 MPA WP)
80	M	CONCRETE EXPRESSWAY GUTTER	112.6	M	***MM DI RESTRAINED JOINT WA-
650 35	M2 M2	100MM CONCRETE SIDEWALK CONCRETE WHEELCHAIR RAMPS			TER PIPE, CLASS ******** WP (300MM, CLASS 50, 2.41 MPA WP)
100	M2	150MM CONCRETE DRIVEWAY	557	KG	DI RESTRAINED JOINT WATER PIPE
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	33	M	FITTINGS, 1.72MPA MIN WP ***MM COPPER WATER PIPE, TYPE K
35	M	COVER REMOVE EXISTING GUARDRAIL			(32MM)

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			22		TRENCHING (UNPAVED)
			1.		JUNCTION BOX (STANDARD SIZE)
				B EA EA	WOOD POLE GUY ASSEMBLY
17.8	M	***MM COPPER WATER PIPE, TYPE K		I EA	25MM RISER WITH WEATHERHEAD
		(50MM)		EA	50MM RISER WITH WEATHERHEAD
95.6	M	20MM COPPER WATER PIPE, TYPE K	61		INDUCTIVE LOOP SAWCUT
44	М	***MM PVC WATER PIPE, SDR **** (75MM, SDR 21, 1.38 MPA WP)	1,01	5 M F EA	LEAD-IN CABLE SIGNAL SUPPORT MAST ARM WITH
101.8	M	50MM PVC WATER PIPE, SDR 21,		, LA	METAL POLE
,	EA	1.38MPA WP ***MM CORPORATION STOP		EA	DOUBLE MAST ARM WITH METAL
1	EA	(32MM)		5 EA	POLE SOIL TEST
1	EA	***MM CORPORATION STOP	2:	3 M	DRILLED PIER FOUNDATION (***MM
8	EA	(50MM) 20MM CORPORATION STOP			DIA) (1067MM)
3	EA	***MM GATE VALVE & VALVE BOX,		EA	SIGNAL PEDESTAL WITH FOUNDA-
		****MPA WP (50MM, 1.38 MPA WP)			TION
2	EA	300MM GATE VALVE & VALVE BOX,	•	EA	MAST ARM WITH METAL POLE DE- SIGN
		****MPA WP (1.38 MPA WP)			SIGN FOR SIGNALS
1	EA	*** X ***MM TAPPING SADDLE			SIGNAL CABINET FOUNDATION
		(300MM, 32MM)			CABINET BASE ADAPTER CONTROLLER WITH CABINET (TYPE
1	EA	*** X ***MM TAPPING SADDLE (300MM, 50MM)			2070L, BASE MOUNTED)
7	EA	RELOCATE EXISTING WATER METER	10	EA.	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 2070L)
1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE		EA	GENERIC SIGNAL ITEM
21.6	M	450MM STEEL ENCASEMENT PIPE,			DETECTOR UNIT NEMA TS-1
		****MM THICK, BY OPEN CUT	75	М	GENERIC SIGNAL ITEM DIRECTIONAL DRILL POLYETHYLENE
1	EA	(450MM, 6.35MM) GENERIC UTILITY ITEM			CONDUIT, (50MM)(2 CONDUIT)
•	D/ L	20MM BRONZE GATE VALVE & VALVE	Lump Sun	LS	REMOVAL OF EXISTING STRUCTURE AT STATION **********
1	EA	BOX, 1.38 MPA WP GENERIC UTILITY ITEM			(13+35.000-L-REV)
•	La t	20MM SAMPLING STATION			
1	EA	GENERIC UTILITY ITEM 32MM BRONZE GATE VALVE & VALVE			
		BOX, 1.38 MPA WP			STRUCTURE ITEMS
1	EA	GENERIC UTILITY ITEM			
2	EA	50MM BLOW-OFF HYDRANT GENERIC UTILITY ITEM	Lump Sun	LS	CONSTRUCTION, MAINTENANCE, &
-	2	MARKER DETAIL			REMOVAL OF TEMP ACCESS AT STA
95.37	M	GENERIC UTILITY ITEM 150MM DI RESTRAINED JOINT			(12+30.015-LREV-)
		FORCE MAIN SEWER PIPE, CL 50,	Lump Sun	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
<b>5</b> 0		2.41MPA WP			(12+30.015-LREV-)
50	М	GENERIC UTILITY ITEM 75MM PVC WATER PIPE, SCH 40	118.8	M	****MM DIA DRILLED PIERS IN
190	KG	GENERIC UTILITY ITEM			SOIL (1220MM)
		DI RESTAINED JOINT FORCE MAIN SEWER PIPE FITTINGS, 1.72 MPA	60	M	****MM DIA DRILLED PIERS NOT
		WP			IN SOIL (1220MM)
455 105	M MTN	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,	57.1	M	PERMANENT STEEL CASING FOR
100		CLASS A			****MM DRILLED PIER (1220MM)
160	MTN	STONE FOR EROSION CONTROL, CLASS B	6	EA	SID INSPECTION
470	MTN	SEDIMENT CONTROL STONE	6		SPT TESTING
1	HA	TEMPORARY MULCHING	8 766		CROSSHOLE SONIC LOGGING CSL TUBES
50	KG	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-	782		UNCLASSIFIED STRUCTURE EXCAVA-
0.5	MTN	ING	2.217.6	1.40	TION
15	M	TEMPORARY SLOPE DRAINS	2,317.6 1,496.7		REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	204.6		CLASS A CONCRETE (BRIDGE)
375	M3	SILT EXCAVATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
490	M2	SYNTHETIC ROVING			(12+30.015-LREV-)
558 191	M2 M	MATTING FOR EROSION CONTROL 6.4MM HARDWARE CLOTH	54,023		REINFORCING STEEL (BRIDGE)
12	EA	SPECIAL STILLING BASINS	8,163	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1.5	HA	SEEDING & MULCHING	954.588	M	1372MM PRESTRESSED CONCRETE
1	HA	MOWING	100		GIRDERS
25 0.25	KG MTN	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING	180 663		HP310X79 STEEL PILES PLAIN RIP RAP CLASS II (600MM
50	KG	SEED FOR SUPPLEMENTAL SEEDING	-		THICK)
1.75	MTN	FERTILIZER TOPDRESSING	677	M2	FILTER FABRIC FOR DRAINAGE
1.5 8	HR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL	Lump Sum Lump Sum		ELASTOMERIC BEARINGS EVAZOTE JOINT SEALS
0.13	HA	STREAMBANK REFORESTATION	Lump Sum		EXPANSION JOINT SEALS
313	M2	GENERIC EROSION CONTROL ITEM	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA
250	М	COIR FIBER MAT			(12+30.015-LREV-)
250	M2	GENERIC EROSION CONTROL ITEM LIVE STAKING	Lump Sum	LS	GENERIC STRUCTURE ITEM
4	EA	PEDESTRIAN SIGNAL HEAD (300MM,	Lump Sum	LS	CLASSIC CONCRETE BRIDGE RAIL GENERIC STRUCTURE ITEM
740	М	1 SECTION) SIGNAL CABLE	Lump Sum	LS	DECORATIVE CONCRETE AND METAL
18	EA	VEHICLE SIGNAL HEAD (300MM, 3	1 6	1.0	RAIL GENERIC STRUCTURE ITEM
	r.	SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM INSTALL 150MM DI RJ FORCE MAIN
8	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM
30	M	MESSENGER CABLE (6.35MM)			INSTALL 300MM DI RJ WATER MAIN
100 17	M M	MESSENGER CABLE (9.52MM) TRENCHING (PAVED)			
1/	171	······································			

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#### STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 020

**CONTRACT ID: C201139** 

35175.3.1

DIV OFFICE SHELBY

LENGTH = 3.980 MI

COUNTY : GASTON

GRADING, DRAINAGE, RESURFACING, GUARDRAIL & PVMT MARKINGS.

DBE GOAL 10.0% COMPLETION DATE: OCT 15 2004

#### US-74 FROM SR-1303 TO S BOLDING STREET.

#### ROADWAY ITEMS

		ROADWAI ITEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
25	CY	DRAINAGE DITCH EXCAVATION
65	TON	FOUNDATION CONDITIONING MATE-
324	LF	RIAL, MINOR STRS 15" RC PIPE CULVERTS, CLASS
288	LF	III 18" RC PIPE CULVERTS, CLASS
9	EA	III **" PIPE END SECTION (15")
2	EA	**" PIPE END SECTION (18")
68	LF	PIPE REMOVAL
40	EA	PIPE CLEAN-OUT
60	TON	INCIDENTAL STONE BASE
15.93	SMI	SHOULDER RECONSTRUCTION
13,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,660	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
18,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE) ASPHALT BINDER FOR PLANT MIX,
642	TON	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX,
1,212		GRADE PG 70-22 PATCHING EXISTING PAVEMENT
1,865	TON CY	PIPE PLUGS
0.09 11	EA	MASONRY DRAINAGE STRUCTURES
15	EA	FRAME WITH TWO GRATES, STD 840.24
8	EA	CONCRETE APRON FOR DROP INLETS
135	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
3	EA EA	ADJUSTMENT OF DROP INLETS ADJUSTMENT OF MANHOLES
1	EA	CONVERT EXISTING CATCH BASIN
7	EA	TO JUNCTION BOX CONVERT EXISTING CATCH BASIN
		TO DROP INLET
9,243.75	LF	STEEL BM GUARDRAIL
62.5	LF EA	STEEL BM GUARDRAIL, SHOP CURVED ADDITIONAL GUARDRAIL POSTS
10 21	EA	GUARDRAIL ANCHOR UNITS, TYPE
19	EA	CAT-1 GUARDRAIL ANCHOR UNITS, TYPE
50	SY	350 FILTER FABRIC FOR DRAINAGE
1	EA	FLASHING ARROW PANELS, TYPE C
1	EA	CHANGEABLE MESSAGE SIGNS
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
84,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
12,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,530	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
111	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
84,000	LF	PAINT PAVEMENT MARKING LINES (4")
850	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
1,000	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS B

CLASS B
150 TON SEDIMENT CONTROL STONE

1.25	ACR	TEMPORARY MULCHING
125	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEED-ING
20	CY	SILT EXCAVATION
200	LF	1/4" HARDWARE CLOTH
5	ACR	SEEDING & MULCHING
2	ACR	MOWING
125	LB	SEED FOR REPAIR SEEDING
0.75	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
5	EA	RESPONSE FOR EROSION CONTROL

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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040217 021

**CONTRACT ID: C201138** 

DIV OFFICE SHELBY

LENGTH = 34.470 MI

COUNTY : CLEVELAND

RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.

12CR.10231.2

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE: OCT 15 2004

2 SECTIONS OF US-74 BUS, 1 SECTION OF NC-10, 1 SECTION OF NC-180 AND 25 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
1,860	TON	INCIDENTAL STONE BASE
18.36	SMI	SHOULDER RECONSTRUCTION
275	SY	INCIDENTAL MILLING
1,412	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
37,186	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,954	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,670	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,435	TON	PATCHING EXISTING PAVEMENT
10	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
104,908	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
64,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
429,138	LF	PAINT PAVEMENT MARKING LINES (4")
652	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS

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#### FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040217 022

**CONTRACT ID: C200791** 

33221.3.2

**DIV OFFICE ASHEVILLE** 

LENGTH = 0.170 MI

COUNTY : MITCHELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE: DEC 31 2004

STRUCTURE ITEMS

#### BRIDGE #175 OVER MINE FORK CREEK AND APPROACHES ON SR-1206.

#### ROADWAY ITEMS

WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)

PAINT PAVEMENT MARKING LINES

STONE FOR EROSION CONTROL,

SEED FOR TEMPORARY SEEDING

FERTILIZER FOR TEMPORARY SEED-

MATTING FOR EROSION CONTROL

SEED FOR SUPPLEMENTAL SEEDING

230 LF TEMPORARY SILT FENCE

75 TON STONE FOR EROSION CONTROL,
CLASS A

WORK ZONE SIGNS (BARRICADE

MOUNTED)

DRUMS

CONES

FLAGGER

CLASS B
175 TON SEDIMENT CONTROL STONE
1.5 ACR TEMPORARY MULCHING

SILT EXCAVATION

1.5 ACR SEEDING & MULCHING1 ACR MOWING50 LB SEED FOR REPAIR SEED

1.25 TON FERTILIZER TOPDRESSING
1.5 HR SPECIALIZED HAND MOWING
8 EA RESPONSE FOR EROSION CONTROL

0.5 ACR REFORESTATION

SYNTHETIC ROVING

1/4" HARDWARE CLOTH

50 LB SEED FOR REPAIR SEEDING
0.25 TON FERTILIZER FOR REPAIR SEEDING

96 SF

20 SF

56 EA

28 EA

14,400 LF 230 LF

225 TON

425 CY

650 SY

270 LF

50 LB

50 LB 0.25 TON

350 SY

HR

2,400

Lump Sum	LS	MOBILIZATION	Lump Sum LS		REMOVAL OF EXISTING STRUCTURE	
Lump Sum LS		REINFORCED BRIDGE APPROACH	•		AT STATION *********	
		FILL, STATION *********			(14+21.00 -L-)	
		(14+21.00)	232.1	LF	**'_**" DIA DRILLED PIERS IN	
Lump Sum	LS	GRADING			SOIL (3'-0")	
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	48	LF	**'-**" DIA DRILLED PIERS NOT	
35	TON	FOUNDATION CONDITIONING MATE-	10	2.	IN SOIL	
33	1011	RIAL, MINOR STRS			(3'-0")	
60	LF	15" SIDE DRAIN PIPE	96.5	LF	PERMANENT STEEL CASING FOR	
256	LF	15" RC PIPE CULVERTS, CLASS			**'-**" DIA DRILLED PIER (3'-0")	
		III	2	EA	CROSSHOLE SONIC LOGGING	
36	LF	PIPE REMOVAL	1,202	LF	CSL TUBES	
426	TON	AGGREGATE BASE COURSE	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-	
100	TON	INCIDENTAL STONE BASE	bump bum	Lo	TION AT STATION *******	
395	GAL	PRIME COAT			(14+21.00 -L-)	
80	TON	ASPHALT CONC BASE COURSE, TYPE	49	CY	CLASS A CONCRETE (BRIDGE)	
210	TON	B25.0B ASPHALT CONC INTERMEDIATE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION	
210	ION	COURSE, TYPE I19.0B			**************************************	
170	TON	ASPHALT CONC SURFACE COURSE,	14,449	LB	REINFORCING STEEL (BRIDGE)	
		TYPE S9.5A	5,148	LB	SPIRAL COLUMN REINFORCING	
25	TON	ASPHALT BINDER FOR PLANT MIX,	5,176	LD	STEEL (BRIDGE)	
		GRADE PG 64-22	78.59	LF	ONE BAR METAL RAIL	
19	EA	RIGHT OF WAY MARKERS	93.59	LF	1'-**"X *****" CONCRETE PARA-	
3	EA	MASONRY DRAINAGE STRUCTURES			PET	
1	EA	FRAME WITH GRATE, STD 840.**** (840.24)			(1'-2" x 20")	
2	EA	FRAME WITH TWO GRATES, STD	113	TON	PLAIN RIP RAP, CLASS ** (1)	
2	LA	840.29	122	SY	FILTER FABRIC FOR DRAINAGE	
100	LF	SHOULDER BERM GUTTER	Lump Sum	LS	ELASTOMERIC BEARINGS	
350	LF	STEEL BM GUARDRAIL	514.77	LF	3'-0" X 1'-9" PRESTRESSED CONC	
5	EA	ADDITIONAL GUARDRAIL POSTS			CORED SLABS	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE				
		III				
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
3	TON	PLAIN RIP RAP, CLASS B				
165	SY	FILTER FABRIC FOR DRAINAGE				

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N.C. DEPARTMENT OF TRANSPORTATION 1591 MAIL SERVICE CENTER RALEIGH, N.C. 27699-1591

#### FIRST CLASS MAIL

**INVITATION TO BID FOR FEBRUARY 17, 2004 HIGHWAY LETTING**